TRAFFIC IMPACT STUDY

THE RESIDENCES AT QUAIL RIDGE ACTON, MASSACHUSETTS

MARCH 2007

Introduction

Conley Associates, Inc. previously completed the transportation component of the Draft and Final Environmental Impact Report (EIR) submitted for Quail Ridge Country Club located on Skyline Drive in Acton, Massachusetts. The project was constructed and the now includes an 18-hole golf course, swimming pool, tennis courts, and a family recreational center as outlined in the FEIR. As part of the filing of the Notice of Project Change (NPC), a new building program has been proposed for the existing Quail Ridge Country Club. The new building program will include 175 units of age-restricted housing (over 55 residents only) and conversion of the existing 18-hole golf course to only a 9-hole golf course.

Quail Ridge Country Club is currently accessed via Skyline Drive. The proposed age restricted residential units will be accessible via Hazelnut Street, Palmer Lane, and Skyline Drive (both Hazelnut Street and Palmer Lane connect to Great Road via Acorn Park Drive).

The study area included the following intersections: Great road (Route 2A/119) at Main Street (Route 27), Great Road at Skyline Drive, and Great Road at Great Road at Harris Street and Acorn Park Drive. Operations were analyzed during the weekday AM (7:00 AM to 9:00 AM), weekday PM (4:00 PM to 6:00 PM), and Saturday midday (11:00 AM to 1:00 PM) peak periods. Both the study area and time periods analyzed are consistent with previous EIR filings.

The following NPC traffic analysis will determine the 2007 Existing, 2012 No Build, and 2012 Build condition. The 2007 Existing condition includes traffic volumes from the Quail Ridge Country Club as constructed, the 2012 No Build condition project the existing volumes for a five year horizon, and the 2012 Build condition analyzes the impact of the proposed age-restricted housing and reduction in the number of holes on the golf course.

Existing Condition

The existing transportation conditions in the study area were assessed in February of 2007. Conley Associates, Inc. staff conducted a site visit to verify roadway geometry at the study area intersections, daily and peak hour traffic volumes were collected, the seasonal variation of traffic volumes was researched, and accident data was researched. In addition, because traffic volumes were collected in February, trips associated with the existing 18-hole golf course were estimated and added to the raw traffic volumes to more accurately represent existing traffic volumes.

Roadway Geometry

Great Road runs northwest to southeast through Acton. For discussion purposes, Great Road will be considered a north-south road. Main Street runs southwest to northeast through Acton, however for the following analysis, it will be considered an east-west roadway. The detailed geometry at each of the study area intersections is detailed below.

Great Road at Main Street

The intersection of Great Road at Main Street is a four way, signalized intersection. The eastbound and westbound approaches of Main each consist of a left turn lane, a through lane, and a channelized right turn lane. The left and through movements on Main Street are under signal control while the channelized right turn movements are controlled by yield signs. The northbound and southbound approaches of Great Road each consist of a shared left and through lane as well as a shared through and right lane. Crosswalks are located across each leg of the intersection and the signal hardware includes pedestrian push buttons.

Great Road at Skyline Drive

The intersection of Great Road at Skyline Drive is a three-legged, unsignalized intersection. The northbound and southbound approaches of Great Road each consist of a single lane that allows through movements or turns onto Skyline Drive. The eastbound approach of Skyline Drive currently consists of a single, wide lane that allows turns onto Great Road. Although Skyline Drive will be striped for two exiting lanes, at this time, the final course of pavement has not been laid. A concrete island separates entering and exiting traffic at the Skyline Drive approach to Great Road.

Great Road at Harris Street and Acorn Park Drive

The intersection of Great Road at Harris Street and Acorn Park Drive is a four legged, unsignalized intersection. The northbound and southbound approaches of Great Road each consist of a single lane that allows through movements or turns onto the side streets. The eastbound approach of Acorn Park Drive consists of a separate left turn lane and a shared through and right turn lane. The westbound approach of Harris Street consists of a shared left and through lane and a channelized right turn lane, both of which are under stop sign control. A crosswalk is located on Acorn Park Drive.

Existing Public Transportation

The South Acton commuter rail station is located approximately 3.41 miles from the project site. This commuter rail station is part of the Fitchburg line, which runs between Fitchburg and North Station. During the week, this rail line runs back and forth 17 times, making 6 trips during the AM peak period and 6 trips during the PM peak period. There are no public bus lines that run through Acton.

Traffic Volume Data

Daily and peak hour traffic volumes were collected on study area roadways. Automatic traffic recorders (ATRs) collected traffic volume continuously from Thursday, February 8, 2007 through Saturday, February 10, 2007 on Great Road, just north of Skyline Drive. Daily traffic volumes were also collected on Acorn Park Drive, as the residential condominium units will be accessible via Hazelnut Street, Palmer Lane, and Skyline Drive (both Hazelnut Street and Palmer Lane connect to Great Road via Acorn Park Drive). The daily traffic volumes are shown in Table 1.

Table 1: Daily Traffic Volumes

Location/Day	Thursday	Friday	Saturday
Great Road (Rte 2A/119)	18,580	19,260	17,080
Acorn Park Drive	1,490	1,535	1,415

Great Road has a weekday daily traffic volume of approximately 18,920 vehicles and a Saturday daily traffic volume of approximately 17,080 vehicles. Acom Park Drive has a weekday daily traffic volume of approximately 1,515 vehicles and a Saturday daily traffic volume of approximately 1,415 vehicles.

In addition, Turning Movement Counts (TMCs) were conducted at the study area intersections on Thursday, February 8, 2007 and Saturday, February 10, 2007 during the weekday AM (7:00 AM to 9:00 AM), weekday PM (4:00 PM to 6:00 PM), and Saturday midday (11:00 AM to 2:00 PM) peak periods. The weekday AM and weekday PM peak periods were analyzed due to the residential component of the project and the Saturday midday peak hour was included because of the golf course component. All traffic data has been included in the Appendix.

Seasonal Adjustment

In order to determine the seasonal variation in the traffic volumes in this area, Conley Associates, Inc. researched local traffic count data from the Massachusetts Highway Department (MassHighway). Continuous counting data were taken from the closest permanent count stations; #4172 located on Route 2, west of Route 27 in Acton and #403 located on Route 2 east of the Concord rotary in Concord. Based on the MassHighway data, February traffic volumes are approximately 5.4 percent lower than average month volumes. Therefore, the February traffic volumes were increased by 5.4 percent to represent average month conditions.

Golf Course Trips

The Quail Ridge Country Club has been constructed and is now operational. However, traffic volumes associated with the 18-hole golf course would not be accurately represented in a February (winter) traffic count. Therefore, Conley Associates, Inc. estimated the peak hour trip generation associated with the existing 18-hole golf course and added it in to the 2007 raw traffic volumes.

Trip generation estimates for the 18-hole golf course were based on the manual, <u>Trip Generation</u>, 7th Edition, published by the Institute of Transportation Engineers (ITE) in 2003, specifically Land Use Code 430, Golf Course. Based on ITE, the existing 18-hole golf course would be expected to generate 40 vehicles trips during the weekday AM peak hour (32 trips in and 8 trips out), 50 vehicle trips during the weekday PM peak hour (22 trips in and 28 trips out), and 82 vehicle trips during the Saturday midday peak hour (40 trips in and 42 trips out).

Accident Data

Conley Associates, Inc. researched the Massachusetts Highway Department (MassHighway) accident database for crashes at the study area intersections that occurred in the most recent three year period (2003-2005). A total of 50 accidents occurred at the study area intersection. Great

Road at Main Street had a total of 38 accidents, Great Road at Harris Street and Acorn Park Drive had a total of 10 accidents, and Great Road at Skyline Drive had a total of 2 accidents over the three year period.

Approximately 38 percent of the accidents involved property damage only, 22 percent involved injury (no fatalities). The remaining 40 percent of the accidents had no information on what type of damage was involved (property damage or personal injury). Of the total number of accidents, 72 percent occurred on a clear day on a dry road surface. Approximately 40 percent of the accidents were angle type and 32 percent were rear ends. The remaining 28 percent of accident types were either unknown, single vehicle, head-on, or involving a single vehicle. The majority of the accidents (72 percent) occurred during the day under clear conditions when the pavement was dry. There were no recorded fatalities at any of the study area intersections between 2003 and 2005. The accident data is summarized in Table 2.

Table 2: Accident History 2003 – 2005

Location/Type	Total	Total Great Road at									
	Total	Main St	Harris St/Acorn Pk Dr	Skyline Dr							
Year											
2003	19	12	7	1							
2004	14	. 11	2	1							
<u>2005</u>	<u>16</u>	<u>15</u>	<u>1</u>	<u>o</u>							
Total	50	38	10	$\frac{1}{2}$							
Manner of Collision											
Fatality	0	0	0	0							
Injury	11	6	4	1							
Property Only	19	` 17	2	0							
Not Reported	20	15	4	1							
Weather Condition				<u> </u>							
Clear	36	29	5	2							
Cloudy	4	2	2	0							
Rain	4	. 3	1	0							
Snow	4	. 2	2	0							
Sleet	1	1	0	0							
Unknown	1	1	0	0							
Road Surface			-								
Dry	37	30	5	2							
Wet	6	3	3	0							
Icy	2	2	0	0							
Snowy	4	2	2	0							
Unknown	1	1	0	0							
Ambient Light											
Daylight	39	30	7	2							
Dark-Lit	9	6	3	0							
Dawn/Dusk	1	1	0	0							
Unknown	1	1	0	0							
Manner of Collision				<u> </u>							
Angle	20	14	6	0							
Head-On	2	2	0	0							
Rear end	16	13	2	1							
Unknown	4	3	0	1							
Single Vehicle	3	1	2	0							
Sideswipe	5	5	0	0							

Conley Associates, Inc. then calculated the accident rate for the study area intersections using the MassHighway Crash Rate Worksheet. The accident rate is calculated in terms of accidents per million vehicles entering the intersection. The accident rates are then compared to the district wide rates generated by MassHighway. Acton is located in MassHighway District 3, which has an average accident rate of 0.84 for signalized intersections and an average accident rate of 0.79 for unsignalized intersections. The accident rates for the study area intersections are summarized in Table 3.

Table 3: Accident Rates

Signalized Intersections (District 3 Average 0.84)	Crash Rate*
Great Road at Main Street	1.23
Unsignalized Intersections (District 3 Average 0.79)	Crash Rate*
Great Road at Harris Street and Acorn Park Drive	0.50
Great Road at Skyline Drive	0.11

^{*}Accident rates are in accidents per million entering vehicles.

The accident rate at the signalized intersection of Great Road at Main Street was calculated to be 1.23, which is higher than the MassHighway District 3 average accident rate. The accident rates at the unsignalized intersections of Great Road at Harris Street and Great Road at Skyline Drive were calculated to be 0.50 and 0.11, respectively. The accident rates for both of the unsignalized intersections are below the MassHighway average accident rate for unsignalized intersections.

2007 Existing Condition Traffic Volumes

The raw traffic volumes were balanced between the intersections of Great Road at Main Street and Great Road at Skyline Drive. Traffic volumes between the intersections of Great Road at Skyline Drive and Great Road at Acorn Park Drive and Harris Street were not balanced due to the large number of retail and residential units in between those two intersections. The balanced TMC data were than adjusted upwards by 5.4 percent to adjust for seasonal variation in traffic volumes. In addition, because traffic volumes collected in February would not accurately reflect existing trips to the golf course, Conley Associates, Inc. estimated the trip generation of the 18-hole golf course currently onsite. The 2007 Existing condition traffic volumes can be found in the Appendix.

No Build Condition

As mentioned previously, the building program outlined in the FEIR has been constructed; the Quail Ridge Country Club is open and operational. However, as part of the filing of the Notice of Project Change (NPC), a new building program has been proposed. Therefore, as part of the standard procedure for traffic analysis, the transportation conditions expected in the study area for a five year horizon were determined. Background traffic growth was projected and site specific traffic was researched. The traffic associated with each of these components was added to the 2007 Existing Condition traffic volumes to determine the 2012 No Build Condition.

Background Traffic Growth

Conley Associates, Inc. researched traffic growth rates for the Town of Acton. Conley Associates, Inc. researched data from MassHighway permanent count stations #4172 (located on Route 2, west of Route 27 in Acton) and #403 (located on Route 2 east of the Concord rotary in Concord). Conley Associates, Inc. also researched traffic volume data from a number of temporary count stations including; station #4002 located on Route 2A/119 at the Littleton town line, #4001 located on Route 27 north of Route 2A, #4167 located on School Street west of Parker Street, all in Acton, and #4166 located on the Cambridge Turnpike east of Route 24 and #4003 located on Route 62 at the Acton town line, both in Concord. The data from the permanent and temporary count stations showed a range of growth rates from negative 0.27 percent to a positive 2.55 percent, or an average growth rate of negative 0.06 percent per year.

Conley Associates, Inc. also reviewed MassHighway statewide growth rates for each district. District 3 showed a negative 1.4 percent growth rate between 2004 and 2005 (the most recent year of data available). In addition to the MassHighway data, the daily traffic volumes along Great Road from 2001 (from the EIR) and 2007 were compared. After adjusting the February traffic volumes for seasonal variation, the weekday daily traffic volume data showed a negative growth rate of 0.58 percent per year. Given the range of growth rates both positive and negative, Conley Associates, Inc. determined that a 0.50 percent annual rate would be appropriate.

Site Specific Development

Conley Associates, Inc. called the Town of Acton to determine if there were any development projects that might affect future traffic volumes in the study area. Two projects were identified including the Woodlands at Laurel Hill and another residential project off of Brabrook Road.

The Woodlands at Laurel Hill is a large residential project located north of the study area and includes 308 apartment units (to be located in both Acton and Westford) as well as 64 town homes for residents over 55. The other project is already under construction and will consist of 33 townhouses for residents over 55. The trip generation for these projects was estimated based on information contained in the ITE <u>Trip Generation</u> manual, specifically, LUC 220—Apartment and LUC 251—Senior Adult Housing-Detached were used. The trip generation worksheets for each of these projects are included in the Appendix.

No Build Condition Traffic Volumes

The existing traffic volumes were increased by 0.5 percent per year for five years and added to the traffic volumes associated with the site specific developments to determine the 2012 No Build traffic volumes. The 2012 No Build traffic volumes can be found in the Appendix.

Build Condition

As mentioned previously, the building program outlined in the FEIR has been constructed and the Quail Ridge Country Club is open and operational. However as part of the Notice of Project Chang (NPC), the site will be reconfigured again to include 175 units of age-restricted housing and the 18-hole golf course will be converted to only a 9-hole golf course. The traffic volumes

associated with the NPC building program were calculated and added to the 2012 No Build traffic volumes to determine the 2012 Build condition.

Site Access

Quail Ridge Country Club is currently accessible via Skyline Drive and will remain so in the future. The proposed 175age-restricted residential units will be accessible via Skyline Drive, Hazelnut Street, and Palmer Lane. Both Hazelnut Street and Palmer Lane connect to Great Road via Acorn Park Drive.

Trip Generation

The trip generation of the proposed age-restricted residential units was based on the ITE <u>Trip Generation</u> manual, using a combination of LUC 230—Residential Condominium/Townhouse and LUC 251—Senior Adult Housing-Detached. To be conservative in our estimate of trip generation, the average trip generation between both land use codes was calculated. This methodology was employed because the trip rates for standard housing (non age-restricted) were determined to be too high for age-restricted type housing and the trip rates for senior housing land use code were very low. Therefore, the proposed 175 units of age-restricted housing are expected to generate 838 vehicle trips over the course of a weekday, 56 vehicle trips during the weekday AM peak hour, 69 vehicle trips during the weekday PM peak hour, 738 vehicle trips over the course of a Saturday, and 58 vehicle trips during the Saturday midday peak hour.

In addition to the proposed age-restricted housing units, the 18-hole golf course will be converted to a 9-hole course as part of the Notice of Project Change building program. A credit for the reduction in the number of holes was taken, based on trip generation rates from ITE LUC 430—Golf Course. It was determined that the reduction in the number of holes would generate 322 fewer vehicle trips over the course of a weekday, 20 fewer vehicle trips during the weekday AM peak hour, 25 fewer vehicle trips during the weekday PM peak hour, 366 fewer vehicle trips during the course of a Saturday, and 41 fewer vehicle trips during the Saturday midday peak hour.

The net increase in trip generation was then calculated. The NPC building program is expected to generate 516 vehicle trips over the course of a weekday, 36 vehicle trips during the weekday AM peak hour, 44 vehicle trips during the weekday PM peak hour, 372 vehicle trips over the course of a Saturday, and 17 vehicle trips during the Saturday midday peak hour. A detailed trip generation summary is shown in Table 4.

Table 4: Trip Generation Summary

Peak Hour/Scenario	Direction	175 Age- Restricted Residential	Conversion of 18-hole course to 9-hole course	Net Trip Generation
Wooledow Doller	T	Units	1.01	
Weekday Daily	In	419	-161	258
	<u>Out</u>	<u>419</u>	<u>-161</u>	<u>258</u>
	Total	838	-322	516
Weekday AM Peak Hour	In	10	-16	-6
	<u>Out</u>	<u>46</u>	<u>-4</u>	42
	Total	56	<u>-4</u> -20	<u>42</u> 36
Weekday PM Peak Hour	In	46	-1 1	35
	Out	<u>23</u>	-14	<u>9</u>
	Total	69	<u>-14</u> -25	$\overline{44}$
Saturday Daily	In	369	-183	186
	<u>Out</u>	<u>369</u>	<u>-183</u>	<u> 186</u>
	Total	738	-366	372
Saturday Midday Peak Hour	In	31	-20	11
	Out	<u>27</u>	<u>-21</u>	<u>6</u>
	Total	<u>27</u> 58	<u>-21</u> -41	<u>-</u> 17

Trip Distribution

Traffic volumes associated with the NPC building program were distributed throughout the study area roadways based on existing traffic patterns. Approximately 30 percent of the site trips will be oriented to and from points north of Acorn Park Drive/Harris Street along Great Road and 30 percent of the site trips will be oriented to and from points south of Main Street (Route 27) along Great Road. Along Main Street, 20 percent of the site trips will be oriented to and from points west of Great Road and 15 percent will be oriented to and from points east of Great Road. The remaining 5 percent will be oriented to and from points east of the site along Harris Street. The trip distribution is shown in Table 5.

Table 5: Trip Distribution Summary

Location	Percent (%)
Great Road, north of Acorn Park Drive/Harris Street	30
Great Road, south of Main Street	30
Main Street, west of Great Road	20
Main Street, east of Great Road	15
Harris Street, east of Great Road	.5
Total	100

2012 Build Condition Traffic Volumes

Conley Associates, Inc. added the trips associated with the NPC building program to the 2012 No Build traffic volumes to determine the 2012 Build condition traffic volumes. The weekday

AM, weekday PM, and Saturday midday peak hour traffic volumes associated with this condition are included in the Appendix.

Traffic Operations Analysis

The operating conditions at each of the study area intersections were determined. Intersection analysis was completed utilizing Highway Capacity Manual methodologies for signalized and unsignalized intersections.

Level of Service

Level of service (LOS) is a calculation of control delay for an intersection. LOS is an indication of driver discomfort, frustration, fuel consumption, and lost time. LOS is defined by an index from A (free flow) to F (long delays).

Signalized intersection analysis is based upon the capacity of each lane group and the correlating control delay associated with the intersection. Capacity is a measurement of the ability of an intersection design to accommodate all movements within the intersection. Delay is the measure of the user quality of service. Capacity is a function of physical geometry and signalization conditions.

For unsignalized intersections, delay values apply only to the controlled movements, since the main street movements are not restricted. Control delay is the elapsed time for deceleration, queue time, stopped delay and final acceleration. Average control delay for unsignalized intersections is a function of the capacity of the approach and the degree of saturation. The LOS categories (A through F) and the corresponding control delay for each value is given in Table 6.

Table 6: Level of Service Criteria

	Average Delay (seconds)											
Level of Service	Signalized Intersections	Unsignalized Intersections										
A	≤ 10	≤ 10										
В	>10 and ≤ 20	>10 and ≤15										
С	>20 and ≤ 35	>15 and ≤ 25										
D	>35 and ≤ 55	>25 and ≤ 35										
Е	>55 and ≤ 80	>35 and ≤ 50										
F	>80	>50										

Source: 2000 Highway Capacity Manual

Synchro 6 was used as the analysis tool for determining both the signalized and unsignalized level of service for the intersections. Synchro 6 implements the methods of the 2000 Highway Capacity Manual to analyze intersection capacity and level of service.

Intersection Operating Conditions

The level of service procedures described above were used to determine Existing, Future Condition with FEIR Build program, and Future Condition with NPC Build program peak hour operating levels of service at the study area intersections.

Signalized Intersection Operations

Conley Associates, Inc. conducted operational analysis for the signalized intersection of Great Road at Main Street. The LOS and delay results for this intersection are summarized in Table 7.

Table 7: Signalized Intersection Level of Service Summary

Location/Peak Hour	Ex	isting	No l	Build	Build		
Great Rd at Main St	LOS ¹	Delay ²	LOS	Delay	LOS	Delay	
Weekday AM	В	17.2	В	19.1	В	19.8	
Weekday PM	С	27.0	D	40.4	D	42.7	
Saturday Midday	С	33.8	D	50.3	D	51.1	

^{1.} LOS = Level of Service.

As shown in Table 7, the intersection of Great Road at Main Street is currently operating at LOS B during the weekday AM peak hour. This intersection is expected to continue to operate at LOS B in the future condition with or without the NPC building program in place. During the weekday PM and Saturday midday peak hour, this intersection is currently operating at LOS C and is expected to operate at LOS D in the 2012 No Build and 2012 Build condition.

Although the NPC building program consists of 175 residential units, these units are for agerestricted housing, which means that not all of the residents will be traveling during peak hours. In addition, the reduction in the number of holes will reduce the overall number of golfers able to use the course at one time. Therefore, the NPC building program is not expected to significantly impact operations at the signalized intersection of Great Road at Main Street during the peak hours analyzed.

Unsignalized Intersection Operations Analysis

Conley Associates, Inc. then analyzed operations at the unsignalized intersections of Great Road at Harris Street and Acorn Park Drive and Great Road at Skyline Drive. Table 8 summarizes the LOS and average delay per vehicle at the unsignalized study area intersections.

^{2.} Delay is measured in seconds per vehicle.

Table 10: Unsignalized Intersections Level of Service Summary

Table 10: Unsignalized Inter	sections	Level of	Service	Summa	ry	
	Exi	sting	No	Build	В	uild
Location/Peak Hour	LOS ³	Delay ⁴	LOS	Delay	LOS	Delay
Great Road at Harris Street and Acc	orn Park I	Prive			1	1
Weekday AM						
Harris St Westbound Left-Thru	F	85.8	F	>100	F	>100
Harris St Westbound Right	C	22.1	D	26.1	D	28.8
Acorn Pk Dr Eastbound Left	F	82.9	F	>100	F	>100
Acorn Pk Dr Eastbound Thru-Right	В	11.7	В	12.1	B	12.1
Great Rd Northbound	A	0.5	A	0.6	A	0.6
Great Rd Southbound	A	2.7	A	3.1	A	3.1
Weekday PM				3.1	Α	3.1
Harris St Westbound Left-Thru	F	>100	F	>100	F	>100
Harris St Westbound Right	C	24.6	D	30.1	D	29.3
Acorn Pk Dr Eastbound Left	F	>100	F	>100	F	>100
Acorn Pk Dr Eastbound Thru-Right	C	24.2	D	29.8	D	29.7
Great Rd Northbound	A	1.1	A	1.3	A	1.6
Great Rd Southbound	A	3.3	A	4.0	A	4.0
Saturday Midday Hour		3.5		7.0	A	4.0
Harris St Westbound Left-Thru	F	>100	F	>100	F	>100
Harris St Westbound Right	C	19.6	Ĉ	22.2	D	29.2
Acorn Pk Dr Eastbound Left	F	>100	F	>100	F	>100
Acorn Pk Dr Eastbound Thru-Right	C	16.5		18.1	C	18.0
Great Rd Northbound	A	1.4	C A	1.7	A	1.9
Great Rd Southbound	A	1.7	A	2.0	A	2.0
Great Road at Skyline Drive		1 1.,		2.0	Α	2.0
Weekday AM						
Skyline Dr Eastbound left	Е	45.0	F	61.1	F	61.1
Skyline Drive Eastbound Right	Č	16.9	C	19.0	C	20.4
Great Rd Northbound	A	1.4	A	1.5	A	
Great Rd Southbound	A	0.0	A	0.0	A	1.2 0.0
Weekday PM		0.0	71	0.0	Α	0.0
Skyline Dr Eastbound Left	F	>100	F	>100	F	>100
Skyline Drive Eastbound Right	В	13.6	В	14.5	В	>100 14.6
Great Rd Northbound	A	0.8	A	1.1	A	2.0
Great Rd Southbound	A	0.0	A	0.0	A	0.0
Saturday Midday Hour			2.1	0.0	A	0.0
Skyline Dr Eastbound Left	F	>100	F	>100	F	>100
			1		i	18.9
	1					1.8
Great Rd Southbound	I			I		0.0
Skyline Drive Eastbound Right Great Rd Northbound	F C A A	>100 17.3 1.5 0.0	F C A A	>100 19.0 1.8 0.0	F C A A	

^{3.} LOS = Level of Service.

As shown on Table 10, the unsignalized intersection of Great Road at Harris Street and Acorn Park Drive and Great Road at Skyline Drive are currently operating at LOS F and will continue to operate at LOS F with or without the proposed NPC building program in place. However,

^{4.} Delay is measured in seconds per vehicle.

only the side street movements are experiencing these delays, the movements along Great Road are experiencing LOS A conditions.

Signal Warrant Analysis

Project traffic will travel through two unsignalized intersections, Great Road at Harris Street and Acorn Park Drive as well as Great Road at Skyline Drive. These intersections are currently operating at poor levels of service. In order to determine if a signal is justified at either of these locations, Conley Associates, Inc. reviewed the warrants for signalization outlined in the Manual on Uniform Traffic Control Devices (MUTCD). Specifically, the warrants that rely on approach volumes, including Warrant 2-Four Hour Vehicular Volume and Warrant 3-Peak Hour Volume, were reviewed.

The intersection of Great Road at Harris Street and Acorn Park Drive did not meet the criteria for the four hour warrant in the Existing or Build condition. This intersection did meet the criteria for the peak hour warrant in the Existing and Build condition.

The intersection of Great Road at Skyline Drive did not meet the criteria for the four hour warrant in the Existing or Build condition. This intersection did not meet the criteria for the peak hour warrant in the Existing or Build condition.

Although the intersection of Great Road at Harris Street and Acorn Park Drive me the criteria for the peak hour warrant, this intersection did not meet the criteria for the four hour warrant. Therefore, Conley Associates, Inc. would not recommend signalization of this intersection.

The intersection of Great Road at Skyline Drive did not meet the criteria for either the peak hour warrant or the four hour warrant, therefore, Conley Associates, Inc. would not recommend the installation of a signal at this intersection.

EIR Building Program

As mentioned in the introduction, the building program from the EIR (which included the 18-hole golf course) has been constructed and occupied. Therefore, the 2007 Existing and 2012 No Build condition from this study already include the traffic associated with the EIR building program. The 2012 Build condition in this study analyzes the traffic impact of the NPC program, which includes the age-restricted housing and the reduction of the 18-hole golf course to a 9-hole golf course. And so, the 2012 No Build condition and the 2012 Build condition actually compare the EIR building program to the NPC building program.

Conclusion

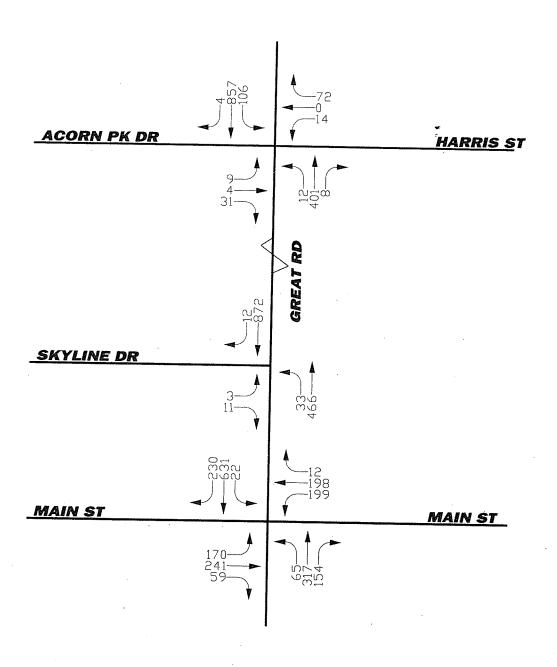
Conley Associates, Inc. previously completed the transportation component of the Draft and Final Environmental Impact Report submitted for the Quail Ridge Country Club on Skyline Drive in Acton, Massachusetts. The country club with 18-hole golf course and onsite amenities was constructed and the site is now operational. However, the project proponent, as part of a Notice of Project Change, is now proposing to add 175 units of age-restricted housing and reduce the number of holes on the golf course from 18 to only 9.

Conley Associates, Inc. calculated the trip generation for the proposed age-restricted housing and took credit for the reduction in the number of holes on the golf course. The NPC building program is expected to generate 516 vehicle trips over the course of a weekday, 36 vehicle trips during the weekday AM peak hour, 44 vehicle trips during the weekday PM peak hour, 372 vehicle trips over the course of a Saturday, and 17 vehicle trips during the Saturday midday peak hour.

The intersection of Great Road at Main Street is expected to operate at LOS D or better under all conditions. The side street approaches at the unsignalized intersections of Great Road at Harris Street and Acorn Park Drive and Great Road at Acorn Park Drive are currently operating with lengthy delays and will continue to operate with lengthy delays in the future with or without the proposed redevelopment. However, only the side street movements are experiencing delays, the Great Road movements are operating with little or no delay.

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APPENDIX



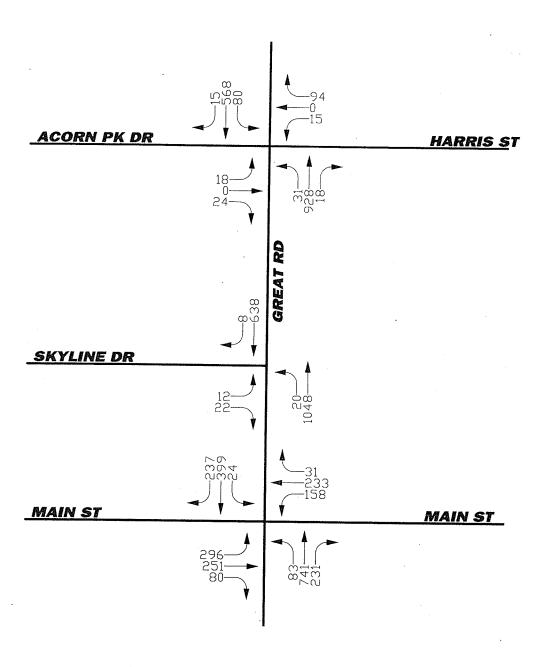
214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318\cad\Networks.dwg FIGURE 1 **WEEKDAY AM PEAK HOUR** 2007 EXISTING CONDITION TRAFFIC VOLUMES ACTON, MA

PROJ. NO. 1318

DATE: 04/2007

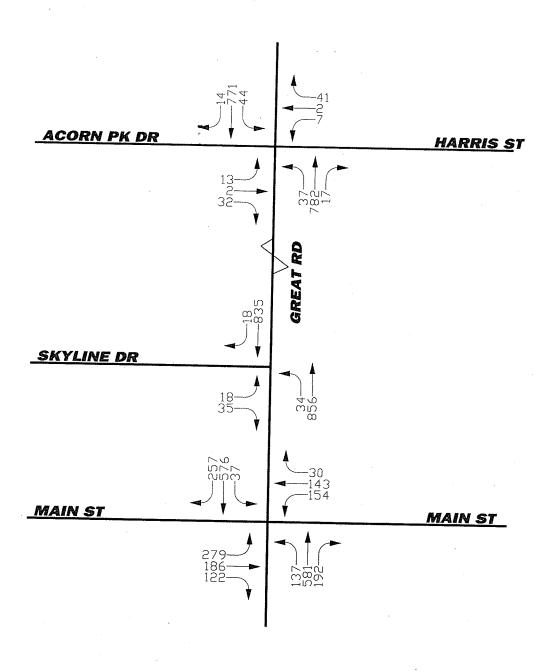


214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318/cad/Networks.dwg 2007 EXIS PROJ. NO. 1318 FIGURE 2 **WEEKDAY PM PEAK HOUR** 2007 EXISTING CONDITION TRAFFIC VOLUMES ACTON, MA

DATE: 04/2007



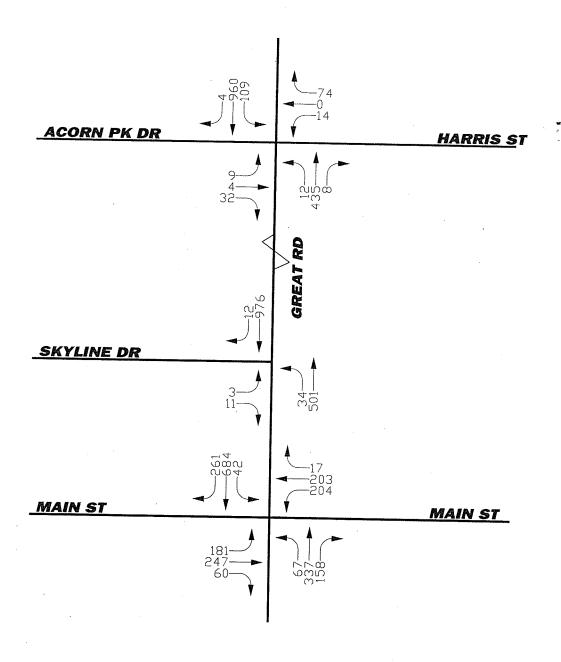
214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318\cad\Networks.dwg FIGURE 3 SATURDAY MIDDAY PEAK HOUR 2007 EXISTING CONDITION TRAFFIC VOLUMES ACTON, MA

PROJ. NO. 1318

DATE: 04/2007



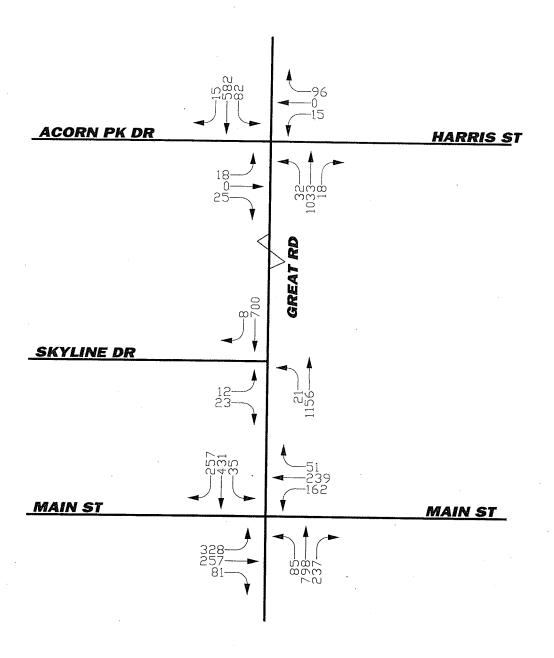
214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318\cad\Networks.dwg FIGURE 4 **WEEKDAY AM PEAK HOUR** 2012 NO BUILD CONDITION TRAFFIC VOLUMES ACTON, MA

PROJ. NO. 1318

DATE: 04/2007



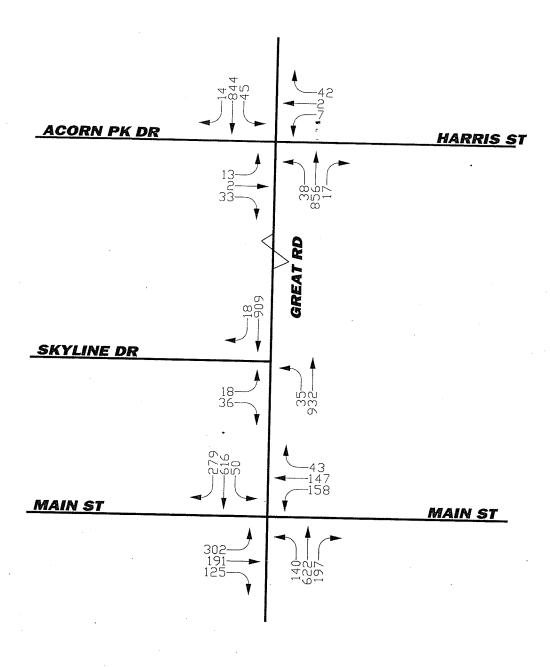
214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318\cad\Networks.dwg FIGURE 5 **WEEKDAY PM PEAK HOUR** 2012 NO BUILD CONDITION TRAFFIC VOLUMES ACTON, MA

PROJ. NO. 1318

DATE: 04/2007



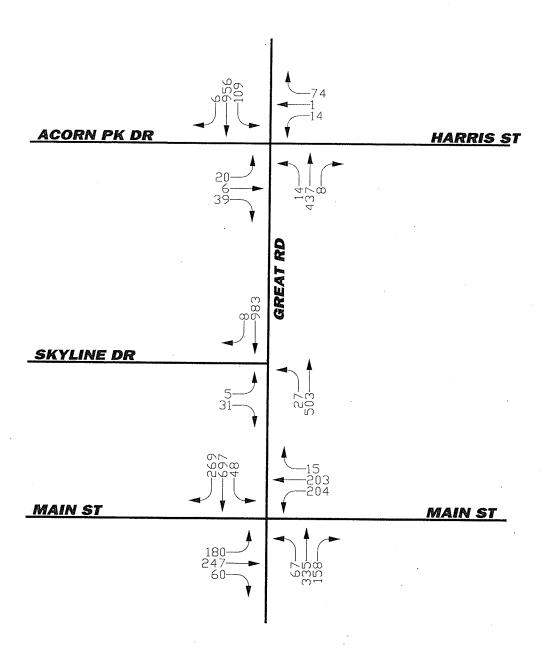
214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318\cad\Networks.dwg FIGURE 6 SATURDAY MIDDAY PEAK HOUR 2012 NO BUILD CONDITION TRAFFIC VOLUMES ACTON, MA

PROJ. NO. 1318

DATE: 04/2007



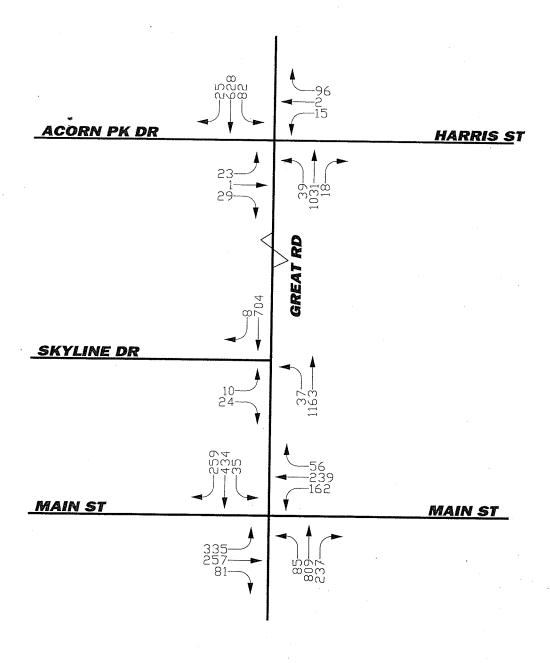
214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318\cad\Networks.dwg FIGURE 7 WEEKDAY AM PEAK HOUR 2012 BUILD CONDITION TRAFFIC VOLUMES ACTON, MA

PROJ. NO. 1318

DATE: 04/2007



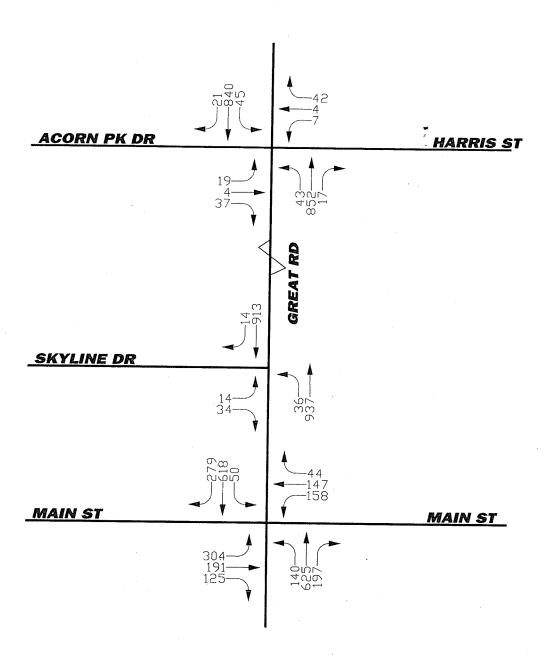
214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



FIGURE 8 WEEKDAY PM PEAK HOUR 2012 BUILD CONDITION TRAFFIC VOLUMES ACTON, MA

1318/cad/Networks.dwg
2012 BUIL
PROJ. NO. 1318

DATE: 04/2007



214 Cambridge Street Boston, MA 02114 (617) 742-5111 (f) (617)742-5333 www.ConleyAssociates.com



1318/cad/Networks.dwg 2012 BUI PROJ. NO. 1318 FIGURE 9 SATURDAY MIDDAY PEAK HOUR 2012 BUILD CONDITION TRAFFIC VOLUMES ACTON, MA

DATE: 04/2007



Great Road (Route 2A/119) north of Skyline Drive City, State: Acton, MA Cllent: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

70981Bvolume Site Code: TBA

og d Shines, Plan	Start		SB			· · · · · · · · · · · · · · · · · · ·	NB				Combined			08-Feb-
£	Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		07 Thu
	12:00	8		122		12		160		20		282		mu
No.	12:15	5		162		8		154		13		316		
000000000000000000000000000000000000000	12:30	4		122		7		172		11		294		
Ē., .	12:45	3	20	149	555	6	33	150	636	9	53	299	1191	
	01:00	4		132		10		194	-	14	-	326		
£	01:15	1		160		4		152		5		312		
- Questing	01:30	0		119		12		149		12		268		
The second	01:45	1	6	126	537	4	30	136	631	5	36	262	1168	
	02:00	1		124		1		139		2	00	263	1100	
	02:15	3		121		2		193		. 5		314		
Bosson	02:30	1		141		1		154		2		295		
piarteio	02:45	2	7	161	547	2	6	150	636	4	13	311	1183	
£i.	03:00	3		135		2		200		5	,,,	335	1100	
	03:15	1		133		2		233		3		366		
100	03:30	3		136		4		202		7		338		
hindeline	03:45	3	10	162	566	1	9	202	837	4	19	364	1403	
de la	04:00	7		164		2		222	001	9	10	386	1403	
	04:15	4		148		2		220		6		368		
	04:30	.13		150	-	3		230		16		380		
The second	04:45	13	37	153	615	6	13	230	902	19	50	383	1517	
William	05:00	16		158		2	, .	283	~~ <u>~</u>	18	50	441	1311	
L.J	05:15	29		142		6		223		35		365		
	05:30	65		146		10		242		75		388	•	
£	05:45	80	190	140	586	10	28	240	988	90	218	380	1574	
autibea	06:00	115		122		10		240	500	125	210	362	13/4	
-	06:15	147		130		24		226		171		356		
	06:30	212		116		46		218		258		334		
	06:45	214	688	110	478	58	138	186	870	272	826	296	1348	
	07:00	258		96		50	100	149	070	308	020	245	1340	
rethane	07:15	188		93		66		144		254		237		
£	07:30	216		82		67		119		283		201		
	07:45	251	913	79	350	82	265	114	526	333	1178		070	
F	08:00	232	• • •	69	000	116	200	91	320	348	1170	193	876	
S	08:15	214		64		102		112		346 316		160 176		
See The See Th	08:30	202		57		122		84				176		
	08:45	205	853	64	254	144	484	76	363	324	1337	141	047	
	09:00	162	000	39	201	124	707	85	303	349 286	1331	140	617	
and the same	09:15	162		40		116		61		278		124 101		
	09:30	127		29		120		42		247				
\$i	09:45	154	605	37	145	146	506	56	244	300	1111	71	. 200	
	10:00	126		37	1.0	98	000	47	277	224	1111	93	389	
Nagara S	10:15	106		37		124		48		230		84		•
· ·	10:30	126		28		142		30		268		85 58		
£:	10:45	150	508	20	122	130	494	46	171	280	1002		. 202	
	11:00	116		12		116	7 J**	30	17.1		1002	66 42	293	
p	11:15	141		10		140		20		232 281		42		
NAME OF TAXABLE PARTY.	11:30	137		12		133		21				30		
endolphan :	11:45	131	525	10	44	132	521	16	. 87	270 263	1046	33	404	
¥	Total	4362	<u> </u>	4799	-7-7	2527	021	6891	υı	6889	1040	26 11690	131	
	Percent	63.3%		41.1%		36.7%		58.9%		0009		11090		
				/0		JU.1 /0		JU.J /6						
paperpolate	Day													
L	Total		9161	l			9418	8			1857	9		
		•	*											
41.5	•													
Gallande	Peak	07:00		03:45		10:30		05:00		08:00		04.45		
	Vol.	913		624		528		988		1337		04:45		
******	P.H.F.	0.885		0.951		0.930		0.873		0.958		1577		
						3.550		0.070		0.550		0.894		



Great Road (Route 2A/119) north of Skyline Drive City, State: Acton, MA Client: CAI/ L. Grant

P.O. 8ox 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

70981Bvolume Site Code: TBA

		7 ti/ L. Old												
	Start SB					NB				Combined			09-Feb-	
_	Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		07 Fri
	12:00	6		144		18		163		24		307		F11
	12:15	5		136		16		168		21		304		
	12:30	3		148		8		149		11		297		
	12:45	1	15	146	574	8 8	50	152	632	9	65	298	1206	
	01:00	0		154		3		190	302	3	Ų.	296 344	1200	
73	01:15	4		144		4		156		8				
	01:30	1		116		2		154				300		
á	01:45	4	9	132	546	1	10	148	040	3	40	270		
	02:00	3	Ŭ	136	040		10		648	5	19	280	1194	
	02:15	1		127		1		136		4		272		
	02:30					6		169		7		296		
		1	•	136		1		211		2		347		
	02:45	4	9	148	547	1	9	198	714	5	18	346	1261	
	03:00	1		131		3		227		4		358		
	03:15	3		137		0		191		3		328		
	03:30	3		152		1		244		4		396		
	03:45	2	9	142	562	4	8	214	876	6	17	356	1/20	
	04:00	8		148		Ö	•	. 240	0,0	8	17		1438	
	04:15	8		140		4		211				388		
	04:30	10		125		0				12		351		
	04:45	15	41	144	557		o	246	004	10		371		
	05:00	15	41		557	4	8	227	924	19	49	371	1481	
	05:15			159		2		251		17	•	410		
		18		164		4		254		22		418		
	05:30	43	400	159		12		256		55		415		
	05:45	86	162	162	644	15	33	219	980	101	195	381	1624	
	06:00	114		145		9		240		123		385		
	06:15	169		144		28		247		197		391		
	06:30	185		140		20		214		205		354		
	06:45	207	675	127	556	60	117	198	899	267	792	325	1/55	
	07:00	242		112		84		196		326	132		1455	
	07:15	192		96		67		177				308		
	07:30	205		80		70				259		273		
	07:45	228	867	76	364	70 72	202	108	504	275		188		
	08:00	220	001	78 73	304		293	110	591	300	1160	186	955	
	08:15					118		101		338		174		
		210		88		109		94		319		182		
	08:30	227	000	69		132		88		359		157		
	08:45	212	869	66	296	160	519	80	363	372	1388	146	659	
	09:00	156		68		126		70		282		138		
	09:15	151		50		140		64		291		114		
	09:30	120		50		144		67		264		117		
	09:45	135	562	40	208	100	510	40	241	235	1072	80	440	
	10:00	113		56		146	J . J	64	471	259	10/2		449	
	10:15	128		60		111		73		209		120		
	10:30	127		40						239		133		
	10:45	143	511		100	126	500	44	000	253		84		
			511	24	180	145	528	48	229	288	1039	72	409	
	11:00	119		25		130		56		249		81		
	11:15	116		16		139		33		255		49		
	11:30	158		13		132		36		290		49		
	11:45	142	535	17	71	154	555	31	156	296	1090	48	227	
	Total	4264		5105		2640	***************************************	7253		6904		12358	<u> </u>	
F	Percent	61.8%		41.3%		38.2%		58.7%		~~~~		12000		
						/0		20.1 /0						
	Day													
	Total		9369				9893				19262	2		
	, 0.01										.0202	_		
	Dect	07.45		05.00										
	Peak	07:45		05:00		08:45		04:45		08:00		05:00		
	Vol.	885		644		570		988		1388		1624		
		0.070		0.000								1		
	P.H.F.	0.970		0.982		0.891		0.965		0.933		0.971		



Great Road (Route 2A/119) north of Skyline Drive City, State: Acton, MA Client: CAI/ L. Grant

70981Bvolume Site Code: TBA

*	CAI/ L. Gra				Email: a	atarequests@pdil	lc.com							
Start SB					NB				Combined			10-Feb-		
Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		07 Sat	
12:00 12:15			198		23		210		30		408		Oat	
12:30			211		18		231		26		442			
12:45		20	192		. 16		213		29		405			
01:00		39	208	809	13	70	190	844	24	109	398	1653 🕶		
01:00			180		3		201		12		381	,		
			193		16		188		20		381	~		
01:30		4.0	163		5		168		7		331			
01:45		16	196	732	4	28	180	737	5	44	376	1469		
02:00			175		4		166		5	•	341	1400		
02:15	5		180		8		192		13		372			
02:30	1		200		2		194		3		394			
02:45	2	9	183	738	4	18	184	736	6	27	367	1474		
03:00	1		179		3		170	-	4		349	1414		
03:15	3		164		0		202		3		366			
03:30	1		176		2		204		3	-	380			
03:45	2	7	182	701	3	8	170	746	5	15	352	1447		
04:00	3		178		2		180	, 10	5	10	358	1447		
04:15	2		162		1		164		3					
04:30	2		159		3		146		5		326			
04:45	6	13	156	655	4	10	165	655	10	23	305	1040		
05:00	8		144		6		182	000	14	23	321	1310		
05:15	9		127		6		168		15		326			
05:30	11		134		2		128		13		295			
05:45	20	48	126	531	4	18	168	646		66	262	44		
06:00	18		110		5		142	040	24	66	294	1177		
06:15	- 31		99	•	16		114		23		252			
06:30	57		117		12		124		47		213			
06:45	65	171	75	401	20	53	123	503	69 05	004	241			
07:00	34		90		16	55	106	303	85 50	224	198	904		
07:15	48		75		26		94		50		196			
07:30	56		66		46				74		169			
07:45	75	213	57	288	52	140	86	200	102		152			
08:00	64		50	200	64	140	82	368	127	353	139	656	•	
08:15	71		55		102		66		128		116			
08:30	68		63				57		173		112			
08:45	118	321	54	222	126	405	70		194		133			
09:00	115	021	54	222	113	405	71	264	231	726	125	486		
09:15	102		52		104		55		219		109			
09:30	134		- 69		118		65		220		117			
09:45	140	491	50	205	106		66		240		135			
10:00	172	431		225	183	511	52	238	323	1002	102	463		
10:15	178		51 69		150		58		322		109			
10:13	167		68 36		162		73		340		141			
10:30		705	36 30	405	152		47		319		83			
11:00	188	105	30	185	155	619	56	234	343	1324	86	419		
	178		23		169		42		347		65	-		
11:15	210		25		176		32		386		57		•	
11:30	178	754	18		176		50		354		68			
11:45	188	754	19	85	186	707	36	160	374	1461	55	245		
Total	2787		5572		2587		6131		5374		11703			
Percent	51.9%		47.6%		48.1%		52.4%							
D														
Day		8359				8718				4-0-	-			
Total		0000				0/18	•			1707	1			
De ele	10-45		40.0-											
Peak	10:45		12:00		11:00		12:00		11:00		12:00			
Vol.	754		809		707		844		1461		1653			
P.H.F.	0.898	•	0.959		0.950		0.913		0.946		0.935			
					3.000		0.313		0.946		0.935			



Acorn Park Drive west of Great Road (Route 2A/119) City, State : Acton, MA Client : CAI/ L. Grant

DATA
INDUSTRIES, LLC
PO. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

70981Avolume Site Code: TBA

ng-galwaysa,	Start		WB				EB			(Combined			08-Feb-
· .	Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		07 Thu
	12:00	1		5		2	·	12		3		17		Inu
F	12:15	0		6		2		9		2		15		
700pe000	12:30	0		8	•	0		9		0		17		
San Color	12:45	0	1	12	31	0	4	22	52	0	- 5	34	83	
	01:00	0		8		0		11		0		19	•	
g-rs	01:15	0		10		0		12		0		22		
9-Directle	01:30	0		6		0		11		0		17		
	01:45	0	0	9	33	0	. 0	12	46	0	0	21	79	
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Ł.,,	03:00	0		15		0		26 .		0		41		
	03:13	0 0		4		0		14		0		18		
Young	03:45	0.	0	11	43	0		22	0.0	0	_	33		
9444	04:00	0	U	13 11	43	0	0	26	88	0	0	39	131	
L;	04:15	Ö		12		1 0		15 19		1		26		
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- Annual C	05:00	Ō	•	10		0	2	20	7 1	0	2	25	118	
£	05:15	2		12		2		19		4		30 31		
	05:30	0		13		1		12		1		25		
¢	05:45	0	2	18	53	0	3	18	69	ò	5	36	122	
- September	06:00	0		22		2		24	•	2	J	46	(22	
	06:15	2		20		7		16		9		36		
	06:30	0		13		7		16		7		29		
ar Fr	06:45	2	4	9	64	14	30	18	74	16	34	27	138	
The second	07:00	2		11		22		12		24		23	-	
R		3		11		15		13		18		24		
	07:30	3	4.4	16		7		18		10		34		
	07:45 08:00	3	11	21	59	12	56	12	55	15	67	33	114	
- T	08:00	2		9		14		10		16		19		
Set Chelling	08:30	3 7		18		5		28		8		46		
¥	08:45	9	21	14 13	54	22	c c	4	40	29		18		
	09:00	8	21	12	34	14 6	55	6	48	23	76	19	102	
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200	09:30	9		7		8		5		15 17		13		
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i i	10:30	6		2		7		12		13		14		
patricibes 	10:45	7	26	3	8	10	. 37	5	27	17	63	8	.35	
	11:00	6		0		5		1		11		1	.00	
600	11:15	7	•	0		8		3		15		3		
and the	11:30	7		0		9		7	•	16		7		
-	11:45	8	28	1	1	16	38	7	18	24	66	8	19	
	Total	122		469		262		637		384		1106		
, n	Percent	31.8%		42.4%		68.2%		57.6%						
aparting	Davi			•										
	Day Total		591				899				1490	1		
Manager 1	ı Ulai										1-100			
									•					
1	Peak	08:45		05:30		06:30		02-00		00.00		05.45		
d-significant in the state of t	Vol.	30		73		06:30 58		03:00 88		06:30		05:45		
£	P.H.F.	0.833		0.830		0.659		0.846		81 0.698		147		
						0.000		0.040	•	0.030		0.799		



Acorn Park Drive west of Great Road (Route 2A/119) City, State : Acton, MA Client : CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com 70981Avolume Site Code: TBA

C. Carrier	Start		WB				EB			(Combined		(9-Feb-	
- "	Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		07 Fri	
g	12:00	0		11		3		18		3		29		(-11	
(pleases)	12:15	0		12		3 5		11		5		23			
domes	12:30	0		6		0		10		0		16			
b ., .	12:45	1	1	7	36	0	8	16 *	55	1	9	23	91		
	01:00	0		2		0		10 [0		12			
- Colorado	01:15	0		7		0		8		0		15	-		
and the	01:30	0	_	8		0	_	13		0		21			
	01:45	0	0	10	27	0	0	18	49	0	0	28	76		
	02:00	0		9 5		0		10		0		19			
1	02:15	0				0		10		0		15			
geologic	02:30 02:45	0	. 0	10	32	0	^	4	0.4	0		14			
ł	03:00	0 0	. 0	8 14	32	0 '	0	10	34	0	0	18	66		
	03:15	0		6		0 0		16 10		0		30			
1	03:30	0		15		0		10 19		0		16			
Juliani, I	03:45	1	1	12	47	0	0	16	61	0 1	1	34	108		
Ĺ;	04:00	0	•	10	71	1	v	14	O1	1		28 24	100		
	04:15	0		12		1		12		i		24			
£*****	04:30	0		19		0		17		Ö		36			
9/2554046	04:45	0	0	10	51	0	2	17	60	Ö	2	27	111		
	05:00	0		12		0		16		Ō	_	28			
	05:15	0		10		0		15		0		25			
we to make	05:30	. 0		16		1		14		1		30			
Shiring	05:45	1	1	25	63	3	4	34	79	4	5	59	142		
VALUE OF THE PARTY	06:00	0		21		4		18		4	•	39			
\$	06:15	2		23		6		27		8		50			
	06:30	0	_	21		9		36		9		57			
No	06:45	3	5	9	74	17	36	10	91	20	41	19	165		
passisse	07:00	1		14		16		14		17		28			
£;	07:15	3		18		10		18		13		36			
	07:30 07:45	1	10	10	40	6	4.4	15		.7	 .	25			
(08:00	5 4	10	6 8	48	12	44	11	58	17	54	17	106		
Acceptance	08:15	1		9		6 14		8 4		10		16			
L	08:30	. 3		8		8		11		15 11		13			
	08:45	5	13	9	34	24	52	11	34	11 29	65	19 20	68		
e - 1	09:00	7		6	•	14	. 02	10		21	03	20 16	00		
60	09:15	10		8		18		9		28		17			
	09:30	12		11		12		12		24		23			
	09:45	8	37	6	31	14	58	7	38	22	95	13	69		
r	10:00	10		3		12		. 7		22		10			
o) environment	10:15	6		11		8	,	17		14		28			
(10:30	12		. 7		18		14		30		21			
	10:45	6	34	7	28	12	50	5	43	18	84	12	71		
	11:00	8		6		8		6		16		12			
Chicaggy in	11:15	6		3		8		4		14		7			
	11:30	. 8	٥٢	6	40	14	00	11		22		17			
-	11:45 Total	3 127	25	4 490	19	8 292	38	3	24	11	63	7	43		
	Percent	30.3%		43.9%		69.7%		626		419		1116			
e-cectory.	reitein	30.3 %		43.570		09.770		56.1%							
Table Same	Day						_								
Margaret and	Total		617				918				1535	•			•
(page)															
hill bearing	Peak	09:15		05:45		08:45		05:45		08:45		05:45			
¥	Vol.	40		90		68		115		102		205			
	P.H.F.	0.833	*	0.900		0.708		0.799		0.879		0.869			
1															



Acorn Park Drive west of Great Road (Route 2A/119) City, State : Acton, MA Client : CAI/ L. Grant

DATA
INDUSTRIES, LLC
PO. 8 ox 301 8 erlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdilic.com

70981Avolume Site Code: TBA

and the second	Start		WB				EB				Combined			10-Feb-
Ē.	Time	A.M.		P.M.		A.M.		P.M.			Combined	D.11		07
	12:00	4		16				19		A.M. 9		P.M.		Sat
F	12:15	0		12		5 5		17		5		35		
Physical de	12:30	· 1		7		3		12		4		29		
diam'r.	12:45	4	9	14	49	5	18	16	64		0.7	19		
	01:00	0	_	16	.0	Ö	10	16	64	9	27	30	113	
	01:15	Ö		11		1				0		32		
Allen	01:30	1		5		Ó		14		1		25		
The same of	01:45	i	2	15	47		2	14	0.4	1		19		
1.3	02:00	Ö	2		47	2	3	17	61	3	5	32	108	
	02:15	0		8		0		11		0		19		
prove.	02:30	0		12		0		18		0		30		
degge	02:45	0	0	15 12	40	0	_	22		0		37		
-	03:00		U	13	48	0	0	19	70	- 0	0	32	118	
Marine profes	03:00	0		7		0		12		0		19		
		0		11		. 0		13	•	0		24		
¥	03:30	0		15		0		21		0		36		
	03:45	1	1	9	42	0	0	18	64	1	1	27	106	
oungest of	04:00	0		13		1		19		1		32		
	04:15	0		6		0		10		0		16		
407 .00	04:30	0		9		0		12		0		21		
the same	04:45	0	0	14	42	0	1	16	57	0	1	30	99	
all the second	05:00	0		11		0		12		0		23	00	
£;	05:15	0		11		0		18		0		29		
	05:30	0		10		. 0		19		Õ		29		
677	05:45	0	0	7	39	0	0	6	55	Ö	0	13	94	
and gold	06:00	0		14		2		16		2	Ů	30	34	
	06:15	0		12		1		16		1		28		
	06:30	0		5		0		6		ó		11		
	06:45	0	0	6	37	Ō	3	11	49	0	3	17	0.0	
	07:00	0		5		4	Ů	8	43	4	3	17	86	
de constant	07:15	2		11		6		10				13		
L	07:30	3		7		5		8		8		21		
	07:45	5	10	5	28	10	25	2	20	8	0.5	15		
F	08:00	3		7	20	4	23	4	28	15	35	7	56	
Standard .	08:15	2	*	6		8				7		11		
ت	08:30	5		5		9		5		10		11		
No. of the last	08:45	3	13	8	26	9	30	6	07	14	4.0	11		
	09:00	11	,,,	13	20	8	30	12	27	12	43	20	53	
(09:15	5		. 5		10		22		19		35		
and the second	09:30	9		. 9		22		7		15		12		
-	09:45	12	37	7	34	22	00	7		31		16		
	10:00	14	37	8	34	20	60	6	42	32	97	13	76	
p	10:00	11		9		19 19		· 5		33		13		¥.
Aggeorgia	10:30	8				18		7		29		16		
asseggeth.	10:35	4	. 37	10	22	13	00	2		21		12		
Manager, Jr	11:00	11	. 31	6	33	13	63	10	24	17	100	16	57	
	11:15			5		18		. 6		29		11		
F		8		5		11		6		19		11		
Į.	11:30	11	20	5		12		6		23		11		
L;-	11:45	9	39	4	19	. 16	57	4	22	25	96	8	41	
	Total	148		444		260		563		408		1007		
e 5	Percent	36.3%		44.1%	•	63.7%		55.9%						
in the second	_													
Officer	Day		592				823				4445			
الدرية	Total		002				023				1415			
f	_													
	Peak	09:30		01:45		09:30		02:15		09:30		03:15		
(Vol.	46		50		79		71		125		119		
	P.H.F.	0.821		0.781		0.898		0.807		0.947		0.804		
								3.001		J.J.1		0.004		



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981B Site Code: TBA

Start Date : 2/8/2007

	Start Time		ad (Route 2A		F	reet (Route rom East		F	ad (Route 2A rom South	/119)		reet (Route 2	27)	
	07:00 AM	68	rinu j	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. To
			190	1	1	53	42	16	31	11	8 .	33	16	
	07:15 AM	34	141	0	0	39	54	22	34	7	6	48	27	4
	07:30 AM	36	182	3	1	45	39	26	40	8	12	48	27	4
	07:45 AM	33	197	3	1	48	54	34	55	13	10	60	24	
	Total	171	710	7	3	185	189	98	160	39	36	189	94	5 18
	08:00 AM	57	168	6	3	56	45	24	66	17	1.1			
	08:15 AM	53	151	4	1	40	46	42		17	11	55	29	5
	08:30 AM	49	133	4	1	42	40	37	59	14	16	66	30	5
	08:45 AM	57	145	6	2	50	58		70	17	11	57	46	5
	Total	216	597	20	7			43	81	14	18	51	45	5
	Total	210	371	20	/	188	189	146	276	62	56	229	150	21
	rand Total	387	1307	27	10	373	378	244	436	101	92	418	244	40
1	Apprch %	22.5	75.9	1.6	1.3	49	49.7	31.2	55.8	12.9	12.2	55.4	32.4	40
	Total %	9.6	32.5	0.7	0.2	9.3	9.4	6.1	10.9	2.5	2.3	10.4	6.1	
	Cars	379	1296	26	10	366	372	238	418	101	90	413		20
	% Cars	97.9	99.2	96.3	100	98.1	98.4	97.5	95.9	100	97.8		239	39
	Trucks	8	11	1	0	7	6	6	18	0		98.8	98	98
	% Trucks	2.1	0.8	3.7	0	1.9	1.6	2.5			2	5	5	
	1	****			0	1.7	1.0	۷.5	4.1	0	2.2	1.2	2	

esecompanies es				North	/119)	N		t (Route 2 n East	:7)	Gre		Route 2A	/119)	М	ain Stree	t (Route West	27)	
£;	Start Time Peak Hour Analysis	Right From 07:0	Thru O AM to O	Left 8:45 AM	App. Total	Right	Thru	Left	App. Total	Right	Thru		App. Total	Right	Thru	Left	App. Total	Int. Total
gen e	Peak Hour for H	Entire Int	ersection	n Begins	at 08:00	AM												
Streethood	08:00 AM	57	168	6	231	3	56	45	104	24	66	17	107	11	55	29	95	537
No.	08:15 AM	53	151	4	208	1	40	46	87	42	59	14	115	16	66	30	112	522
	08:30 AM 08:45 AM	49 57	133 145	4	186	1	42	40	83	37	70	17	124	11	57	46	114	507
· ·	Total Volume	216	597	20	208 833	2	50 188	58	110	43	81	14	13 8	18	51	45	114	570
and the second	% App. Total	25.9	71.7	2.4	655	1.8	100 49	189 49.2	384	146 30.2	276	62	484	56	229	150	435	2136
	PHF	.947	.888	.833	.902	.583	.839	.815	.873	.849	.852	.912	.877	.778	52.6	34.5	05.1	
	Cars	209	592	19	820	7	184	187	378	143	268	62	473	56	.867 226	.815 147	.954	.937 2100
No.	% Cars	96.8	99.2	95.0	98.4	100	97.9	98.9	98.4	97.9	97.1	100	97.7	100	98.7	98.0	98.6	98.3
e e e e e e e e e e e e e e e e e e e	Trucks	7	5	1	13	0	4	2	6	3	8	0	11	0	3	3	6	36
E-transit	% Trucks	3.2	8.0	5.0	1.6	0	2.1	1.1	1.6	2.1	2.9	0	2.3	0	1.3	2.0	1.4	1.7



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Fmail: datarequests@pdillc.com File Name: 70981B Site Code: TBA

Start Date : 2/8/2007

		Croot Da	(D 04	(440)		Grou	ups Printed-	Cars						
-	Start Time	F	ad (Route 2A rom North	·	F	reet (Route 2 rom East	27)		ad (Route 2A om South	√119) *	Main St	reet (Route :	27)	
L		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	1 - 6	
~~	07:00 AM	68	190	1	1	53	41	16	28	11	TXIGHT		Left	Int. Total
	07:15 AM	33	141	0	0	38	51	22		11	0	33	15	465
)	07:30 AM	36	178	3	1	45	1	_	34	/	5	47	27	405
	07:45 AM	33	195	3	1		39	24	37	8	11	48	26	456
	Total	170		- 7	<u> </u>	46	54	33	51	13	10	59	24	522
* **	Total	170	704	71.	3	182	185	95	150	39	34	187	92	1848
	08:00 AM	56	166	6	3	55	45	24	62	17	1.1			
	08:15 AM	50	150	3	1	40	46	40		17	11	55	26	526
	08:30 AM	47	132	1	1		1		59	14	16	65	30	514
	08:45 AM	56	144	7	1	40	40	36	70	17	11	57	46	501
~~	Total			6	2	49	- 56	43	77	14	18	49	45	559
k	1 Otal	209	592	19	7	184	187	143	268	62	56	226	147	2100
	Grand Total	379	1296	26	10	366	372	220	44.0	404 :				
	Apprch %	22.3	76.2	1.5				238	418	101	90	413	239	3948
	Total %			i	1.3	48.9	49.7	31.4	55.2	13.3	12.1	55.7	32.2	
nagi.	Total 70	9.6	32.8	0.7	0.3	9.3	9.4	6	10.6	2.6	2.3	10.5	6.1	

cossonia	Start Time	Right	From	Route 2A/ North Left	Ann Total	Right	lain Stree From Thru	t (Route : n East Left	27) App. Total	Gre Right	at Road (From	South				West		
1	Peak Hour Analysis	From 07:0	0 AM to 0	8:45 AM -	Peak 1 of 1			201()	App. Total	ragnt	THIU	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
en constant	Peak Hour for E	Entire Int	ersection	n Begins	at 08:00.	AM												
li. Lj	08:00 AM	56	166	6	228	3	55	45	103	24	62	17	103	11		24	1	
	08:15 AM	50	150	3	203	1	40	46	87	40	59	14	113	16	55	26	92	526
E	08:30 AM	47	132	4	183	1	40	40	81	36	70	17	123	10	65 57	30	111	514
1	08:45 AM	56	144	6	206	2	49	56	107	43	77	14	134	11 18		46	114	501
	Total Volume	209	592	19	820	7	184	187	378	143					49	45	112	559
\$2.4, 1.43	% App. Total	25.5	72.2	2.3	020	1.9	48.7	49.5	3/6		268	62	473	56	226	147	429	2100
	PHF	.933	.892	.792	.899					30.2	56.7	13.1		13.1	52.7	34.3	ļ	
· · ·		.,,,,	.092	.174	.899	.583	.836	.835	.883	.831	.870	.912	.882	.778	.869	.799	.941	.939



City, State: Acton, MA Client: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981B Site Code: TBA

Start Date : 2/8/2007

Bearing							Group	s Printed- 1	Trucks						
arinidagen)		0((=	Fr	ad (Route 2A om North		Main St F	reet (Route 2 rom East	27)		ad (Route 2A) om South	/119)	Main St	reet (Route 2	27)	
2. 7		Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	District.	rom West		
		07:00 AM	0	0	0	0	0	1	n ngrit	2	Leit	Right	Thru	Left	Int. Total
1		07:15 AM	1	0	0	0	1	3	0	0	0	0	0	1	5
withste		07:30 AM	0	4	0	ń	0	0	0	0	0	1	1	0	7
		07:45 AM	Ô	2	ŏ	0	0	0	2	3	0	1	0	1	11
2		Total	- 1					0	1	4	0	0	1	0	10
		Total	I	0	0	0	3	4	3	10	0	2	2	2	33
12						•					• •	-	2	2	33
		08:00 AM	1	2	0	0	. 1	0.1	. 0	4	0.1				
and the same		08:15 AM	3	1	1	Ô	Ô		0	4	U	0	0	3	11
E		08:30 AM	2	1		0	0	0	2	Ü	0	0	1	0	8
		08:45 AM	1	1	0	Ū	2	0	1	0	0	. 0	0	0	6
F			<u>l</u>	<u> </u>	0	0	1	2	0	4	0	Ο	2	o l	11
alega de la constante de la co		Total	7	. 5	1	0	4	2	3	8	0	0	3	0	11.
STREET								- 1	J	0	0	U	3	3	36
£,3		Grand Total	8	11	1	0	. 7	6	6	. 10	0.1	•	_		
	•	Apprch %	40	55	5	Ô	53.8	- 1	0	18	0	2	5	5	69
5		Total %	11.6	15.9	1.4	0		46.2	25	75	0	16.7	41.7	41.7	
		TOTAL 70	11.0	15.9	1.4	0	10.1	8.7	8.7	26.1	0	2.9	7.2	7.2	
E.											'		_		

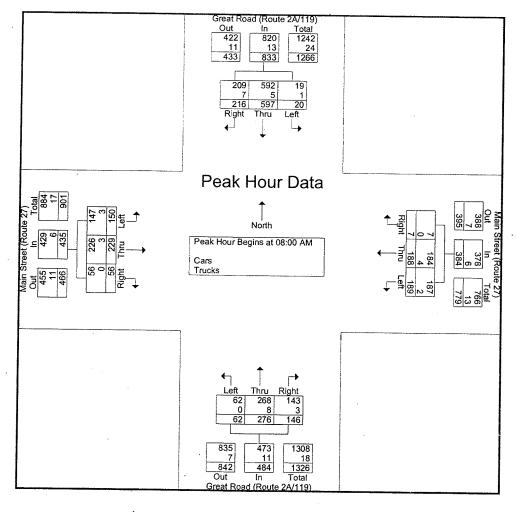
Spinot/Monthly Spinot	Start Time	Gre Right	at Road (F From Thru	North	/119) App. Total	M Right	lain Stree From Thru	East			From	Route 2A/ South	119)	N	lain Stree From	t (Route :	27)	
	Peak Hour Analysis	From 07:0	0 AM to 0	8:45 AM -	Peak 1 of 1		(1110)	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
g	Peak Hour for E	Entire Int	ersection	n Begins	at 07:30	AM												
	07:30 AM	0	4	0	4	0	0	Ω	0.1	2	2	0	- 1		_			
	07:45 AM	0	2	0	2	Õ	2	0	2	1	3	0	5	1.	0	1	2	11
en on Lip	08:00 AM	1	2	0	3	Õ	1	ñ	1	0	4	0	5	0	1	0	1	10
	08:15 AM	3	1	1	5	0.	ń	0	0	2	4	0	4	0	0	3	3	11
	Total Volume	4	9	1	14	0	3		2			0	2	0	1	0	1	8
	% App. Total	28.6	64.3	7.1	- 1	ň	100	0		21.0	11	0	16	1	2	4	. 7	40
kż	PHF	.333	.563	.250	.700	.000	.375	000	275	31.2	68.8	0		14.3	28.6	57.1		
				.230	.700	.000	.3/3	.000	.375	.625	.688	.000	.800	.250	.500	.333	.583	.909



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981B Site Code: TBA

Start Date : 2/8/2007

£																		
		Gre		Route 2A North	/119)	٨	Main Stree From	t (Route n East	27)	Gre	at Road (F	Route 2A/ South	119)	M	ain Stree		27)	
g~~~~	Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru			D:		West		
Marke	Peak Hour Analysis	From 07:0	O AM to C	8:45 AM -	Peak 1 of	1			App. Total	ragnt	mu	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Department :	Peak Hour for I	Entire Int	ersectio	n Begins	at 08:00	AM												
Brut Hall	08:00 AM	57	168	6	231	3	56	45	104	24	66	17	107	11	55	29	95	537
	08:15 AM	53	151	4	208	1	40	46	87	42	59	14	115	16	66	30		
1	08:30 AM	49	133	4	186	1	42	40	83	37	70	17	- 1	10			112	522
4	08:45 AM	57	145	6	208	,			1			17	124	11	57	46	114	507
				6			50	5 8	110	43	81	14	138	1 8	51	45	114	570
	Total Volume	216	597	20	833	7	188	189	384	146	276	62	484	56	229	150	435	2136
	% App. Total	25.9	71.7	2.4		1.8	49	49.2	İ	30.2	57	12.8		12.9	52.6	34.5	733	2150
No.	PHF	.947	.888	.833	.902	.583	.839	.815	.873	.849	.852	.912	.877	.778	.867		05.4	
	Cars	209	592	19	820	7	184	187	378							.815	.954	.937
	% Cars	96.8	99.2]	100		-		143	268	62	473	56	226	147	429	2100
Q		90.8	99.2	95.0	98.4	100	97 <i>.</i> 9	98.9	98.4	97.9	97.1	100	97.7	100	98.7	98.0	98.6	98.3
	Trucks	7	5	1	13	0	4	2	6	3	8	0	11	0	3	2	70.0	
£	% Trucks	3.2	0.8	5.0	1.6	0	2.1	1.1	1.6	2.1	2.9	0	22	0	_	2	0	36
· ·	ı	,			1.0 1	•	2.1	1.1	1.0	2.1	2.9	U	2.3	U	1.3	2.0	1.4	1.7





N/S: Great Road (Route 2A/119)

W: Skyline Drive

City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Emall: datarequests@pdillc.com File Name: 70981A Site Code: TBA

Start Date : 2/8/2007

	*	Skyline Drive From West	V119)	Great Road (Route 2 From South		Great Road (Route : From North	
Int. Tota	Left	Right	Left	Thru	Thru	Right	Start Time
29	0	1	0	48	248	1	07:00 AM
250	1	0	0	64	190	1	07:15 AM
282	اهٔ	0	2	68	211	1	07:30 AM
. 332	0	1	1	81	247	2	07:45 AM
1168	1	2	3	261	896	5	Total
	•						
310	· 0	0	2	96	218	0	08:00 AM
307	0	2	1	92	212	0	08:15 AM
325	ő	2	5	123	195	0	08:30 AM
334	õ	2	3	132	196	1	08:45 AM
1282	0	6	11	443	821	1	Total
	•						
2450	1	8	14	704	1717	6	Grand Total
2150	11.1	88.9	1.9	98.1	99.7	0.3	Apprch %
	0	0.3	0.6	28.7	70.1	0.2	Total %
2410	1	7	14	684	1698	6	Cars
98.4	100	87.5	100	97.2	98.9	100	% Cars
40	0	1	0	20	19	0	Trucks
1.6	0	12.5	0	2.8	1.1	0	% Trucks

and the second		Great F	Road (Route 2/ From North	V119)	Great I	Road (Route 2 From South	A/119)		Skyline Drive From West		
■ (~@)	Start Time Peak Hour Analysis From 07:	Right	Thru.	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
g	Peak Hour for Entire Int	ersection Begin	ivi - Peak 1 oi is at 08:00 A1	ı M							
MOTOPORE	08:00 AM	0	218	218	96	2	98	0	0	۱۵	. 216
augien	08:15 AM	0	212	212	92	1	93	$\overset{\circ}{2}$	0	2	316 307
	08:30 AM	0	195	195	123	5	128	2	ő	2	325
€	08:45 AM	1	196	197	132	3	135	2	Ö	2	334
osolulugo	Total Volume	1	821	822	443	11	454	6	0	6	1282
The second	% App. Total	0.1	99.9		97.6	2.4		100	0		
	PHF	.250	.942	.943	.839	.550	.841	.750	.000	.750	.960
F	Cars	1	808	809	434	11	445	5	0	5	1259
dayyead	% Cars	100	98.4	98.4	98.0	100	98.0	83.3	0	83.3	98.2
	Trucks	0	13	13	9	0	9	1	0	1	23
	% Trucks	0	1.6	1.6	2.0	0	2.0	16.7	0	16.7	1.8



P.O. Box 301 Berlin; MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdilic.com

File Name: 70981A Site Code : TBA

Start Date : 2/8/2007

Page No : 1

N/S: Great Road (Route 2A/119) W: Skyline Drive City, State: Acton, MA Client: CAI/ L. Grant

l				Groups Printed- Cars				
	_	Great Road (Route		Great Road (Route 2	A/119)	Skyline Drive		
l -	Start Time	From North		From South		From West		
L		Right	Thru	Thru	Left	Right	Left	Int. Total
	07:00 AM	1	248	44	0	1	0	294
	07:15 AM	1	189	64	0	n	1	
	07:30 AM	1	208	65	2	0	0	255
I	07:45 AM	2	245	77	1	1		276
	Total	5	890	250	3	2	1	326 1151
r:					,		- 1	, 1151
	08:00 AM	0	215	90	2	0	ا ۱	307
ž., ,	08:15 AM	0	208	92	1	1	ől.	302
	08:30 AM	0	191	123	5	2	0	321
r	08:45 AM	1	194	129	3	2	ő	329
	Total	1	808	434	11	5	0	1259
L	Grand Total	6	1698	(04	4.1	_	1	
			1	684	14	7	1	2410
r n	Apprch %	0.4	99.6	98	2	87.5	12.5	
· in a second	Total %	0.2	70.5	28.4	0.6	0.3	0	

			oad (Route 2A From North			oad (Route 2A From South	/119)		Skyline Drive From West		
L Po	Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
	ak Hour Analysis From 07:0	U AM to 08:45 AM	1 - Peak 1 of 1								
Pe	ak Hour for Entire Inte	rsection Begins	: at 08:00 AN	A							
0	08:00 AM	0	215	215	90	2	92	0	Ω	ا ۱	307
Lu	08:15 AM	0	208	208	92	1	93	1	ŏ	1	302
	08:30 AM	0	191	191	123	. 5	128	2	Õ	2	321
T -	08:45 AM	1	194	195	129	3	132	2	0	2	329
grapiava	Total Volume	1	80 8	809	434	11	445	5	0		1259
li	% App. Total	0.1	99.9		97.5	2.5		100	Ö	3	1239
	PHF	.250	.940	.941	.841	.550	.843	.625	.000	.625	.957



N/S: Great Road (Route 2A/119) W: Skyline Drive City, State: Acton, MA Client: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

File Name: 70981A Site Code : TBA

Start Date : 2/8/2007

- Laboratoria			G	Froups Printed- Trucks				
		Great Road (Route : From North		Great Road (Route 2 From South	A/119)	Skyline Drive From West		
	Start Time	Right	Thru	Thru	Left	Right	Left	Int. Total
T	07:00 AM	0	0	4	0	0	0	4
	07:15 AM	0	1	. 0	0	0	o l	1
Li	07:30 AM	0	3	3	0	Õ	ő	6
	07:45 AM	0	2	. 4	0	0	0	6
	Total	. 0	6	11	0	0	0	17
1	08:00 AM	0	3	6	0	0	0	9
	08:15 AM	0	4	0	0	1	0	ź
#*****	08:30 AM	0	4	0	0	0	ő	4
	08:45 AM	0	2	3	0	0	ő	5
Medianal	Total	0	13	9	0	1	0	23
	Grand Total	0	19	20	0	1	01	40
	Apprch %	. 0	100	100	ŏ l	100	0	40
diseases.	Total %	0	47.5	50	ő	2.5	0	

		F	ad (Route 2A rom North			oad (Route 2A From South	/119)		kyline Drive From West		
	Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
	ik Hour Analysis From 07:00										
Pea	ik Hour for Entire Inters	section Begins	at 07:30 AN	1							
L.,	07:30 AM	0	3	3	3	0	3	0	0	0	6
	07:45 AM	0	2	2	4	0	4	0	0	0	6
r t	08:00 AM	0	. 3	3	6	0	6	0	0	0	9
	08:15 AM	0	4	4	0	0	0	1	0	1	5
	Total Volume	0	12	12	13	0	13	1	0	1	26
	% App. Total	0	100		100	0		100	0		
e	PHF	.000	.750	.750	.542	.000	.542	.250	.000	.250	.722



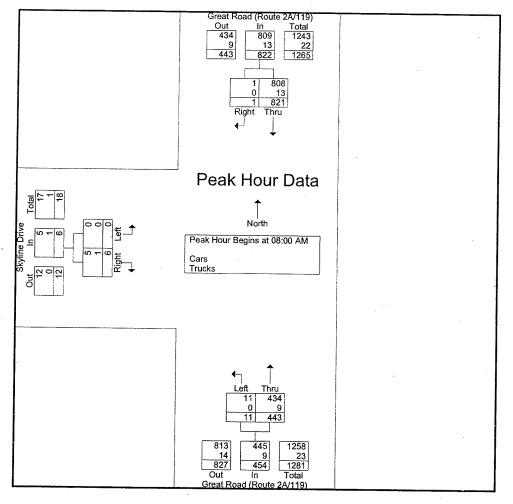
N/S: Great Road (Route 2A/119)

W: Skyline Drive

City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Emall: datarequests@pdillc.com File Name: 70981A Site Code: TBA

Start Date : 2/8/2007

Chad Time		oad (Route 2A From North			oad (Route 2A From South	/119)		kyline Dríve From West		
Start Time Peak Hour Analysis From 07:	Right 00 AM to 08:45 AM	Thru A - Peak 1 of 1	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
Peak Hour for Entire Inte	ersection Begins	s at 08:00 A	М							
08:00 AM	0	218	218	96	2	98	0	0	ا ۱	316
08:15 AM	0	212	212	92	1	93	2	0	2	307
98:30 AM	0	195	195	123	5	128	2	0	2	.325
08:45 AM	1	196	197	132	3	135	2	Û	2	334
Total Volume	1	821	822	443	11	454	6	<u> </u>	6	1282
% App. Total	0.1	99.9	1	97.6	2.4		100	0	١	1202
PHF	.250	.942	.943	.839	.550	.841	.750	.000	.750	.960
Cars	1	808	809	434	11	445	5	0	5	1259
% Cars	100	98.4	98.4	98.0	100	98.0	83.3	Ô	83.3	98.2
Trucks	0	13	13	9	0	9	1	Õ	1	23
% Trucks	0	1.6	1.6	2.0	0	2.0	16.7	Õ	16.7	1.8





City, State: Acton, MA Client: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Fmall: datarequests@pdillc.com File Name: 70981C Site Code: TBA

Start Date : 2/8/2007

-	Start Time		ad (Route 2A rom North		F	rris Street rom East		Fr	ad (Route 2A om South	/119)		n Park Drive om West		
L		Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
*	07:00 AM	0_	220	- 23	8	0	5	0	41	2	18	0	3	320
	07:15 AM	0	170	24	7	0	3	5	57	3	10	1	4	284
į.	07:30 AM	2	186	24	20	0	4	5	68	1	4	1	1	316
	07:45 AM	1	223	28	9	0	3	1	77	2	5	1	3	353
*	Total	3	799	99	44	0	15	11	243	8	37	3	11	1273
**	08:00 AM	1	201 .	18	27	0	4 [3	90	1	11	1	2	359
	08:15 AM	1	195	31	13	0	2	2	88	2	3	Ô	2	339
	08:30 AM	1	184	24	19	0	4	2	123	6	10	2	2	377
=	08:45 AM	3	182	16	14	1 ·	0	5	112	5	6	1	4	
i.	Total	6	762	89	73	1	10	12	413	14	30	4	10	349 1424
	Grand Total	9	1561	188	117	1	25	23	656	22	67	7	21	2607
Ĺ	Apprch %	0.5	88.8	10.7	81.8	0.7	17.5	3.3	93.6	3.1	70.5	7.4		2697
	Total %	0.3	57.9	7	4.3	0	0.9	0.9	24.3	0.8	2.5	0.3	22.1	
-	Cars	9	1540	134	71	1	25	23	631	22		7	0.8	
	% Cars	100	98.7	71.3	60.7	100	100	100	96.2	i	67	. ,	21	2551
,	Trucks	0	21	54	46	0	0			100	100	100	100	94.6
	% Trucks	0	1.3	28.7	39.3	0	0	0	25	0	0	0	0	146
	, o riucks	U	1.5	20.7	39.3	U	0 [0	3.8	0	0	0	0	5.4

L				North	/119)		Harris From	Street		Grea	at Road (F	Route 2A	V119)			ark Drive West		
	Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru		App. Total	Int. Total
m.	Peak Hour Analysis	From 07:0	0 AM to 0	8:45 AM	- Peak 1 of 1												· ipp: Total	arc. rotar
opmose.	Peak Hour for E	Entire Int	ersection	n Begin:	s at 07:45 .	AM												
	07:45 AM	1	223	28	252	9	0	3	12	1	77	2	80	5	1	3	9	353
	08:00 AM	1	201	18	220	27	0	4	31	3	90	1	94	11	1	2	14	359
	08:15 AM	1	195	31	227	13	0	2	15	2	88	2	92	3	ñ	2		339
A STATE OF THE STA	08:30 AM	1	184	24	209	19	0	4	· 23	2	123	6	131	10	2	2	14	
- Interest	Total Volume	4	803	101	908	68	0	13	81	. 8	378	11	397	29			14	377
L	% App. Total	0.4	88.4	11.1		84	. 0	16	01	. 0	95.2	2.8	397		0.5	21.4	42	1428
-	PHF	1.000	.900	.815	.901				(52	- 4				69	9.5	21.4		
Mark Cold	***	1.000				.630	.000	.813	.653	.667	.768	.458	.758	.659	.500	.750	.750	.947
	Cars	4	788	75	867	44	0	13	57	8	364	11	383	29	4	9	42	1349
	% Cars	100	98.1	74.3	95.5	64.7	0	100	70.4	100	96.3	100	96.5	100	100	100	100	94.5
1.3	Trucks	0	15	26	41	24	0	0	24	0	14	0	14	0		0	100	79
	% Trucks	0	1.9	25.7	4.5	35.3	0	0	29.6	Ö	3.7	ő	3.5	ő	0	0	0	5.5



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.4B1.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981C Site Code: TBA

Start Date : 2/8/2007

F						Grou	ps Printed-	Cars						
in the second		F	ad (Route 2/ rom North	V119)		rris Street rom East			d (Route 2A om South	/119)		n Park Drive rom West		
	Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
	07:00 AM	0	219	17	8	0	5	0	37	2	18	0	3	309
	07:15 AM	0	169	14	4	0	3	5	57	3	10	1	3	
SW400	07:30 AM	2	183	19	9	Ô	4	5	64	1	10	1	4	270
	07:45 AM	1	221	18	8	0	3	1	71	2	4	1	1	293
-	Total	3	792	68	29	0	15	1			5	1	3	334
g	Total	3	1.72	00 1	29	U	15	11	229	8	37	3	11	1206
Side of the side o	00.00 436	4	400											
The contract of	08:00 AM	1	198	15	15	0	4	3	84	1	11	1	2	335
8	08:15 AM	1	189	23	9	0	2	2	86	2	3	0	2	319
	08:30 AM	1	180	19	12	0	4	2	123	6	10	2	2	361
F	08:45 AM	3	181	9	6	1	0	5	109	5	6	1	4	330
National Services	Total	6	748	66	42	1	10	12	402	14	30	4	10	1345
	Grand Total	9	1540	134	71	1	25	23	631	22	67	7	21	2551
#11.75	Apprch %	0.5	91.5	8	73.2	1	25.8	3.4	93.3	3.3	70.5	7.4	22.1	2551
, delicotropy	Total %	0.4	60.4	5.3	2.8	0	1	0.9	24.7	0.9	2.6	0.3	0.8	

and the second	Start Time			North	·		From	Street East			at Road (F From		/119)			ark Drive West		
	Peak Hour Analysis	Right	Thru DO AM to O	Left 8:45 AM	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
	Peak Hour for I																	
opposition .	07:45 AM	1	221	18	240	8	0	3	11	1	71	2	74	5	1	3	g l	334
,	08:00 AM	1	198	15	214	15	0	4	19	3	84	1	88	11	1	2	14	335
	08:15 AM	1	189	23	213	9	0.	2	11	2	86	2	90	3	Ô	2	5	319
£	08:30 AM	1	180	19	200	12	0	4	16	2	123	6	131	10	2	2	14	361
on the state of	Total Volume	4	788	75	867	44	0	13	57	8	364	11	383	29	4	9	42	1349
and	% App. Total	0.5	90.9	8.7		77.2	0	22.8		2.1	95	2.9		69	9.5	21.4	'-	1347
	PHF	1.000	.891	.815	.903	.733	.000	.813	.750	.667	.740	.458	.731	.659	.500	.750	.750	.934



City, State: Acton, MA Client: CAI/ L. Grant

File Name: 70981C Site Code : TBA

Start Date : 2/8/2007

	· · · · · · · · · · · · · · · · · · ·		1.75				s Printed- 1	Trucks						
Marganeti	01-17	Fr	d (Route 2A/ om North		F	rris Street rom East			ad (Route 2A/ om South	119)		Park Drive		
	Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
h. civele	07:00 AM	0	1	6	0	0	0	0	4	0	0	0	0	11. 10(a)
(^Y	07:15 AM	0	1	10	3	0	0	0	Ô	ő	0	0	0	11
	07:30 AM	0	3	5	11 .	0	اه	Õ	1		0	0	0	14
	07:45 AM	0	2	10	1	Õ	٥	0	4	0	. 0	Ü	0	23
	Total	0	7	31	15	0	0	0	0	- 0	0	0	0	19
		Ü	,	51	13	U	0	0	14	0 }	0	0	0	67
	08:00 AM	0	2	21	4.0		. 1			,				
		0	3	3	12	0	0	0	6	0	0	0	0	24
L- 6	08:15 AM	0	6	8	4	0	0	0	2	0	0	0	0	20
	08:30 AM	0	4	5	7	0	0	0	0	0	Õ	Õ	0	-
PH-795	08:45 AM	0	1	7	8	0	0	0	3	0	0	0	0	16
	Total	0	14	23	31	0	0	0	11	0			- 0	19
	•			(J.	Ü	0	U	11	0	0	0	0	79
	Grand Total	. 0	21	54	46	0	0.1	0	25	0.1		_		
	Apprch %	Õ	28	- 1		0	0	Ü	25	0	0	0	0	146
e make		•		72	100	U	0	0	100	0	0	0	0	
	Total %	0	14.4	37	31.5	0	0	0	17.1	0	0	0	0	
Ĺ							·				· ·	,	ΟŢ	

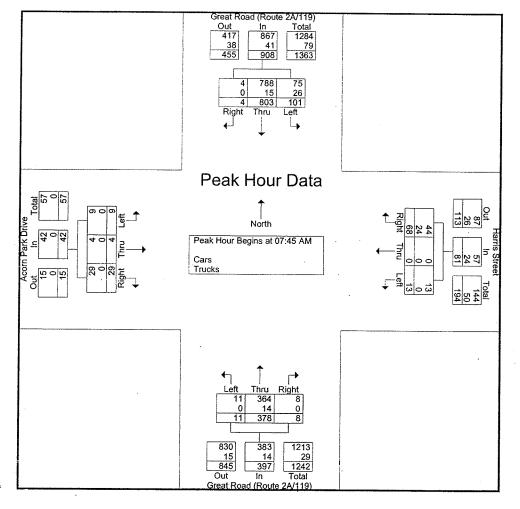
esta anno anno anno anno anno anno anno an	Start Time	Grea Right	From	Route 2A/ North	,		From	Street East			at Road (F		/119)			ark Drive West		
1	Peak Hour Analysis		Thru D AM to 0	Left A	App. Total	Right	Thru	Left /	App. Total	Right	Thru	Left	App. Total	Right	Thru		App. Total	Int. Total
1	Peak Hour for E	ntire Int	ersection	n Begins	at 07:30	AM												
	07:30 AM	0	. 3	5	8	11	0	0	11	0	4 -	0	4	0	0	0	ا م	
L.,	07:45 AM	0	2	10	12	1	Õ	0	1	0	6	0	6	0	0	0	0	23
	08:00 AM	0	3	3	6	12	0	0	12	Ô	6	0	6	. 0	0	0	0	19
F7.	08:15 AM	0	6	8	14	4	0	0	4	Õ	2	0	2	0	0	0	U	24
- CONTRACTOR	Total Volume	0	14	26	40	28	0	0	28		18	0	18		0		- 0	20
L.	% App. Total	0	35	65]	100	0	0		Õ	100	0	10	0	0	0	0	86
	PHF	.000	.583	.650	.714	.583	.000	.000	.583	.000	.750	.000	.750	.000	.000	.000	.000	.896



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981C Site Code: TBA

Start Date : 2/8/2007

£																		
		Gre	at Road (i From	Route 2A North	/119)	-		Street East		Grea	at Road (F		/119)			ark Drive West		
	Start Time	Right	Thru	Left		Right	Thru	Left	App. Total	Right	Thru		App. Total	Right	Thru		App. Total	Int. Total
	Peak Hour Analysis								- P	1113111		Lott	ripp. road	ragin	TING	Leit	Арр. тотаг	int. Total
1	Peak Hour for E	Entire In	tersection	n Begin:	s at 07:45.	AM												
	07:45 AM	1	223	28	252	9	0	3	12	1	77	2	80	5	1	3	9	353
E. C.	08:00 AM	1	201	18	220	2 7	0	4	31	3	90	1	94	11	1	2	14	359
	08:15 AM	1	195	31	227	13	0	2	15	2	88	2	92	3	0	2	5	339
and the second	08:30 AM	1	184	24	209	19	0	4	23	2	123	6	131	10	2	2	14	3 77
	Total Volume	4	803	101	908	68	0	13	81	8	378	11	397	29	4	9	42	1428
	% App. Total	0.4	88.4	11.1		84	0	16		2	95.2	2.8		69	9.5	21.4		1 120
i i	PHF	1.000	.900	.815	.901	.630	.000	.813	.653	.667	.768	.458	.758	.659	,500	.750	.750	.947
outer .	Cars	4	788	75	867	44	0	13	57	8	364	11	383	29	4	9	42	1349
M	% Cars	100	98.1	74.3	95.5	64.7	0	100	70.4	100	96.3	100	96.5	100	100	100	100	94.5
	Trucks	0	15	26	41	24	0	0	24	0	14	0	14	0	0	0	0	79
Sepanoenso	% Trucks	- 0	1.9	25.7	4.5	35.3	0	0	29.6	. 0	3.7	0	3.5	0	0	0	0	5.5





N/S: Great Road (Route 2A/119) E/W: Main Street (Route 27) City, State: Acton, MA

Client: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

File Name: 70981BB

Site Code : TBA

Start Date : 2/8/2007

						Groups F	rinted- Car	s - Trucks						
ŝ.		F	ad (Route 2A rom North	V119)		treet (Route : rom East	27)		ad (Route 2A rom South	V119)		reet (Route :	27)	
	Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	. Thru	Left	Int. Total
	04:00 PM	58	102	5	3	41	36	69	161	29	22	40	62	628
4	04:15 PM	48	88	4	6	76	29	57	155	20	16	66	46	611
	04:30 PM	50	94	6	8	66	33	42	168	20	18	58	48	611
. å	04:45 PM	47	104	3	8	48	39	49	182	24	21	48	54	
	Total	203	388	18	25	231	137	217	666	93	77	212		627
7	'			1		231	157 [217	000	93	11	212	210	2477
	05:00 PM	67	78	4	5	57	28	67	190	24	15	67	82	684
- 4	05:15 PM	53	95	6	11	59	35	50	175	20	19	63	60	
	05:30 PM	52	94	6	3	57	48	53	149	11	20	60	81	646
· · ·	05:45 PM	43	87	6	2	73	41	49	156	28	20	42	. 1	634
	Total	215	354	22	21	246	152	219	670	83	74	232	286	610
	•			1			132	217	070	05	74	232	200	2574
	Grand Total	418	742	40	46	477	289	436	1336	176	151	444	496	5051
mg	Apprch %	34.8	61.8	3.3	5.7	58.7	35.6	22.4	68.6	9	13.8	40.7	45.5	3031
	Total %	8.3	14.7	0.8	0.9	9.4	5.7	8.6	26.5	3.5	3	8.8	9.8	
	Cars	416	740	39	46	475	289	436	1332	175	151	442	492	5022
	% Cars	99.5	99.7	97.5	100	99.6	100	100	99.7	99.4	100	99.5	99.2	5033
	Trucks	2	2	1	0	2	0	0	4	1	0			99.6
7	% Trucks	0.5	0.3	2.5	0	0.4	ő	0	0.3	0.6	0	2	4	18
	1				Ü	0.1	0	U	0,5	0.0	U	0.5	0.8	0.4

L			at Road (F From	North	/119)		ain Stree From	t (Route 2 East	27)	Grea	at Road (F		/119)	М	ain Stree		27)	
닏	Start Time eak Hour Analysis	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
ľ	eak Hour for E			i begins														
A GUARAGE	04:45 PM	47	104	3	154	. 8	48	39	95	49	182	24	255	21	48	54	123	627
<u>L</u>	05:00 PM	67	78	4	149	5	57	28	90	67	190	24	281	15	67	82	164	684
	05:15 PM	53	95	6	154	11	59	35	105	50	175	20	245	19	63	60	142	646
\$T.5	05:30 PM	52	94	6	152	3	57	48	108	53	149	11	213	20	60	81	161	
-	Total Volume	219	371	19	609	27	221	150	398	219	696	79	994	75	238	277		634
	% App. Total	. 36	60.9	3.1		6.8	55.5	37.7	370	22	70	7.9	774				590	2591
- Control of	PHF	.817	.892		000									12.7	40.3	46.9		
_				.792	.989	.614	.936	.781	.921	.817	.916	.823	.884	.893	.888	.845	.899	.947
m	Cars	218	369	19	606	27	220	150	397	219	693	79	991	75	238	275	588	2582
Table :	% Cars	99.5	99.5	100	99.5	100	99.5	100	99.7	100	99.6	100	99.7	100	100	99.3	99.7	99.7
	Trucks	1.	2 .	0	3	0	1	0	1	0	3	0	3	0	0	2	2	77.7
	% Trucks	0.5	0.5	0	0.5	0	0.5	0	0.3	0	0.4	Ö	0.3	0	0	0.7	0.3	0.3



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981BB

Site Code : TBA

Start Date : 2/8/2007

							ups Printed-	Cars						
	*	Fr	ad (Route 2A rom North	/119)		treet (Route rom East	27)		ad (Route 2A	/119)	Main St	reet (Route 2	27)	
L_	Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	rom West		
	04:00 PM	58	102	5	3	41	36	69	161	28			Left	Int. Total
	04:15 PM	48	88	4	6	76	29	57	155	20	22 16	40	62	627
	04:30 PM	49	94	6	8	65	33	42			-	64	45	608
L	04:45 PM	47	103	3	8		1		168	20	18	58	47	608
****	Total	202		10		48	39	49	182	24	21	48	54	· 626
#POCTO On	Total	202	387	18	25	230	137	217	666	92	77	210	208	2469
	0.00.00.00									•			_00 ;	2107
1	05:00 PM	66	78	4	5	57	28	67	189	24	15	67	04 أ	
Ē	05:15 PM	53	94	6	11	59	35	50	173	20			81	681
	05:30 PM	52	94	6	3	56	48			1	19	63	59	642
	05:45 PM	43	87	٥	2			53	149	11	20	60	81	633
	Total	214		3		73	41	49	155	28	20	42	63	608
beautiful	Total	214	353	21	21	245	152	219	666	83	74	232	284	2564
	Grand Total	416	740	39	46	475	289	436	1332	175 .	151	4.40	1	
	Apprch %	34.8	61.9	3.3	5.7	58.6	35.7				151	442	492	5033
Since 1	Total %	8.3	14.7	0.8			!	22.4	68.6	9	13.9	40.7	45.3	
	20tai 70	0.5	17./	0.8	0.9	9.4	5.7	8.7	26.5	3.5	3	8.8	9.8	

getheritotretin	Start Time	Gre Right	at Road (From Thru	North	/119) App. Total	N Right	lain Stree From Thru	n East		***************************************	at Road (F	South				t (Route 2 West	27)	
	Peak Hour Analysis	From 04:0	00 PM to 0	5:45 PM -	Peak 1 of 1		Tillu	Len	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
*	Peak Hour for E	Entire In:	tersectio:	n Begins	at 04:45	PM												
alpodoses of the control of the cont	04:45 PM	47	103	3	153	8	48	39	95	49	182	24	255	21	40		400	
L	05:00 PM	66	78	4	148	5	57	28	90	67	189	24		41	48	54	123	626
	05:15 PM	53	94	6	153	11	59	35	105	50	173		280	15	67	81	163	681
	95:30 PM	52	94	6	152	3	56	48	107			20	243	19	63	59	141	642
ecorott	Total Volume	218	369	19	606	27				53	149	11	213	20	60	81	161	633
MARKET	% App. Total	36			000	27	220	150	397	219	693	79	991	75	238	275	588	2582
L.,			60.9	3.1		6.8	55.4	37.8		22.1	69.9	8	1	12.8	40.5	46.8		2002
	PHF	.826	.896	.792	.990	.614	.932	.781	.928	.817	.917	.823	.885	.893	.888	.849	.902	.948
ē · · ·	>																.702	.770



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Emall: datarequests@pdillc.com File Name: 70981BB

Site Code : TBA

Start Date : 2/8/2007

Page No: 1

Groups Printed- Trucks
Main Street (Route 27) Gre Great Road (Route 2A/119) Main Street (Route 27) From West Great Road (Route 2A/119) From North From East From South Start Time Right Left Right Thru Left Thru Right Thru Left Int. Total 04:00 PM 04:15 PM 04:30 PM 04:45 PM Total 05:00 PM 05:15 PM 05:30 PM 05:45 PM Total , 1 Grand Total Apprch % 33.3 66.7 Total % 11.1 11.1 5.6 11.1 22.2 5.6 11.1 22.2

-	Ot- 1 Time		at Road (F	North			From	t (Route 27 i East	7)	Grea	at Road (F From		/119)	М	ain Street From		27)	
L	Start Time	Right	Thru		App. Total	Right	Thru	Left A	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
7	eak Hour Analysis	FIORI 04.0	D PIVI tO US	0:45 PM -	Peak 1 of 1										-			
L	Peak Hour for E	nure int	ersection	i Begins	at 04:30 J	M												
L.;	04:30 PM	1	0 .	0	1	0	1	0	1	0	0	0	0	0	Ο	1	1	2
	04:45 PM	0	1	0	1	0	0	0	0	0	Ō	ñ	ŏ	0	0	0	1	
ground.	05:00 PM	1	0	. 0	1	0	0	0	0	Õ	1	0	1	0	0	1	0	l
224000	05:15 PM	0	1	0	1	0	Ô	ñ	0	0	2	0	1	0	Û	1	1	3
- 1	Total Volume	2					<u>-</u>			<u> </u>		U		U	0	1	1	4
Burney	- 1	Z	2	U	4	U	1	U	1	0	3	0	3	0	0	3	3	11
_	% App. Total	50	50 .	0		0	100	0	.	0	100	0	İ	0	Ŏ	100		
2000	PHF	.500	.500	.000	1.000	.000	.250	.000	.250	.000	.375	.000	.375	.000	.000	.750	.750	.688

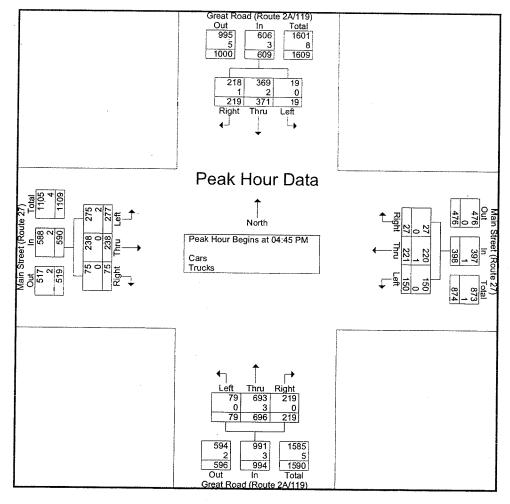


City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981BB

Site Code : TBA

Start Date : 2/8/2007

Ĭ	,							-										
		Gre	at Road (I		119)	N	lain Stree		27)	Grea	at Road (F	Route 2A	J119)	М	ain Street	(Route	27)	*
and the sa	Ct. (T	B		North				1 East			From	South				West	,	-
	Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
	Peak Hour Analysis																	
L)	Peak Hour for E	intire In	tersection	n Begins	at 04:45	PM												
	04:45 PM	47	104	3	154	8	48	39	95	49	182	24	255	21	48	54	123	627
groon.	05:00 PM	67	78	4	149	5	57	28	90	67	190	24	281	15	67	82	164	684
-	05:15 PM	53	95	6	154	11	59	35	105	50	175	20	245	. 19	63	60	142	646
	05:30 PM	52	94	6	152	3	57	48	108	53	149	11	213	20	60	81	161	634
Page 12	Total Volume	219	371	19	609	27	221	150	398	219	696	79	994	75	238	277	590	2591
	% App. Total	. 36	60.9	3.1		6.8.	55.5	37.7		22	70	7.9	,,,,	12.7	40.3	46.9	390	2391
	PHF	.817	.892	.792	.989	.614	.936	.781	.921	.817	.916	.823	.884	.893	.888	.845	.899	.947
	Cars	218	369	19	606	27	220	150	397	219	693	79	991	75	238	275	588	
فسأ	% Cars	99.5	99.5	100	99.5	100	99.5	100	99.7	100	99.6	100	99.7	100	100	99.3	99.7	2582
	Trucks	1	2	0	3	0	1	0	1	0	3	100	3	100	0	99.3 2	99.7	99.7
	% Trucks	0.5	0.5	0	0.5	0	0.5	Õ	0.3	0	0.4	0	0.3	0	0	0.7	4	9
	. '			-	1	•		Ü	0.5	U	0.4	U	0.5	U	U	0.7	0.3	0.3





N/S: Great Road (Route 2A/119) W: Skyline Drive

City, State: Acton, MA Client: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545,1234 Email: datarequests@pdlllc.com

File Name: 70981AA

Site Code : TBA

Start Date : 2/8/2007

			Grou	ps Printed- Cars - Truck	s			
	*	Great Road (Route From North	2A/119)	Great Road (Route 2 From South	2A/119)	Skyline Drive From West)	
L	Start Time	Right	Thru	Thru	Left	Right	Left	1.4
	04:00 PM	0	161	233	3	1 (Ngitt)	ne.r	Int. Total
6211719900	04:15 PM	1.	145	214	0	2	0	398
	04:30 PM	0	149	223	1	1	0	362
	04:45 PM	0	149	243	1	1	3	377
****	Total	1			3	4	2	403
edicione .	rotar	1	604	913	9	8	5	1540
1100	05:00 PM	0	450 !					
*O *		Ü	150	279	1	0	0	430
	05:15 PM	0	144	224	0	0	0	368
£~~:	05:30 PM	0	142	241	0	Õ	0	
<u></u>	05:45 PM	1	130	234	1	3	0	383
	Total	1	566	978	2	3	0	369
			,		- 1	3	0	1550
general and the second	Grand Total	2	1170	1891	11	11	e 1	2000
The state of the s	Apprch %	0.2	99.8	99.4			5	3090
Diás.	Total %	0.1	37.9		0.6	68.8	31.2	
L	Cars			61.2	0.4	0.4	0.2	
		2	1168	1885	11	11	5	3082
*****	% Cars	100	99.8	99.7	100	100	100	99.7
No.	Trucks	0	2	6	0	0	0	27.7
Company .	% Trucks	. 0	0.2	0.3	0	0	ő	0.3
B	•				1	=	٠,١	0.5

- (Start Time		oad (Route 2A From North	,		oad (Route 2A From South			kyline Drive From West		
Peak	Hour Analysis From 04:0	00 PM to 05:45 PM	Thru A - Peak 1 of 1	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
Peak	k Hour for Entire Inte	ersection Begins	at 04:45 PM	1							
£	` 04:45 PM	0	149	149	243	5	248	4	2	6	403
	05:00 PM	0	150	150	279	1	280	'n	0	0	
res	05:15 PM	. 0	144	144	224	0	224	Ŏ	0	0	430
	05:30 PM	0	142	142	241	Ô	241	0	0	0	368
	Total Volume	0	585	585	987	6	993		- 0	- 0	383
	% App. Total	0	100		99.4	0.6	773	66.7	22.2	. 6	1584
	PHF	.000	.975	.975	.884	.300	.887		33.3		
(ALLOCAL)	Cars	0	584	584		.300		.250	.250	.250	.921
		0			983	6	989	4	2	6	1579
L	% Cars	U	99.8	99.8	99.6	100	99.6	100	100	100	99.7
	Trucks	0	1	1	4	0	4	0	0	0	
	% Trucks	0	0.2	0.2	0.4	0	0.4	Õ	Ö	ő	0.3



N/S: Great Road (Route 2A/119) W: Skyline Drive

City, State: Acton, MA Client: CAI/ L. Grant

P.O. 8ox 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

File Name: 70981AA

Site Code : TBA

Start Date : 2/8/2007

				Groups Printed- Cars				
		Great Road (Route 2 From North	2A/119)	Great Road (Route 2 From South	A/119)	Skyline Drive From West		
	Start Time	Right	Thru	Thru	Left	Right	Left	1-4 T-1-1
(4:00 PM	0	161	233	3	1	Leit	Int. Total
[· · · · · · · · · · · · · · · · · · ·	4:15 PM	1	145	213	0	2	0	398
o C	4:30 PM	0	149	223	1	2	0	361
i i	4:45 PM	0			1	1	3	377
			148	243	5	4	2	402
	Total	1	603	912	9	8	5	1538
_							ı.	7000
· 0	5:00 PM	0	150	277	1	0	۱۵	420
L 0	5:15 PM	0	144	222	0	0		428
0	5:30 PM	0	142	241	٥١	0	0	366
	5:45 PM	1	129		4	0	0	383
	Total	_ · · _ · _ · _ · _ · _ · _ · _ · _		233	1	3	0	367
	TOtal	i.	565	973	2	3	0	1544
	100 11		1					
	nd Total	2	1168	1885	11	· 11	5	3082
A _l	pprch %	0.2	99.8	99.4	0.6	68.8	31.2	3002
	Total %	0.1	37.9	61.2	0.4	0.4		
inverse construction of the •		1	V1.5	0.4	0.4	0.2		

	0, 15	F	ad (Route 2A/ From North			oad (Route 2A From South	V119)		kyline Drive From West		
Pools Hours A	Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
reak nour A	nalysis From 04:00	PM to 05:45 PM	- Peak 1 of 1					<u> </u>		rpp. rotar	int. Total
⇒Peak Hour	for Entire Inters	section Begins	at 04:45 PM								
	04: 4 5 PM	0 0	148	148	243	5	248	4	2	6	402
it	05:00 PM	0	150	150	277	1	278	ò	0	0	402 428
	05:15 PM	0	144	144	222	0	222	ō	. 0	ŏ	366
7	05:30 PM	0	142	142	241	0	241	0	Ô	ő	383
	otal Volume	0	584	584	983	6	989	4	2	6	1579
9	6 App. Total	0	100		99. 4	0.6		66.7	33.3	9	15/9
	PHF	.000	.973	.973	.887	.300	.889	.250	.250	.250	.922



N/S: Great Road (Route 2A/119)

W: Skyline Drive

City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 50B.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981AA

Site Code : TBA

Start Date : 2/8/2007

l		0 10 10		Proups Printed- Trucks				
l .		Great Road (Route 2 From North	2A/119)	Great Road (Route 2 From South	A/119)	Skyline Drive From West		
	Start Time	Right	Thru i	Thru	Left	Right	Left	Int. Total
1 73	04:00 PM	0	0	0	0	nugric	0	int. rotai
	04:15 PM	0	0	1	ő	0	0	0
	04:30 PM	0	0	0		0	0	1
*** * ***	04:45 PM	ñ	1	0	0	U	0	0
	Total			U	0	0	0	1
	1 Otal	0	1	1	0	0	0	2
			. •				,	
i.	05:00 PM	0	-0	2	0	0	ا ۱	2
-	05:15 PM	0	0	2.	0	0		2
	05:30 PM	0	0	0	0	0	0	2
77 %	05:45 PM	0	1	1	0	0	0	0
	Total	0	1	1		U	0	2
	Total	U	1	5	0	0	0	6
	Grand Total	0	2		0.1		- 1	
(**)		0	400	0	0	0	0	8
	Apprch %	U	100	100	0	0	0	
	Total %	0	25	75	0	0	0	

<u> </u>	Ct- d Ti		ad (Route 2A rom North			oad (Route 2A From South	/119)		kyline Drive From West		
Peak Ho	Start Time our Analysis From 04:0	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
Dools L	lara fa Tirtina Tar	U PIVI 10 05:45 PIV	I-Peak 1 of 1	•							
T CAK IT	lour for Entire Inter	rsection Begins	at 05:00 PM	1							
ن ن	05:00 PM	0	0	0	2	0	2	0	0	٥١	7
	05:15 PM	0	0	0	2	0	2	Õ	0	0	2
	05:30 PM	0	0	0	0	Õ	. 0	0	0	0	2
7	05:45 PM	0	1	1	1	n n	1	0	0	0	0
	Total Volume	n	1	1	-	. 0			U		2
_å		0	100	1	3	U,	5	0	0	0	. 6
	% App. Total	U	100		100	0	· ·	0	0		
	PHF	.000	.250	.250	.625	.000	.625	.000	.000	.000	.750



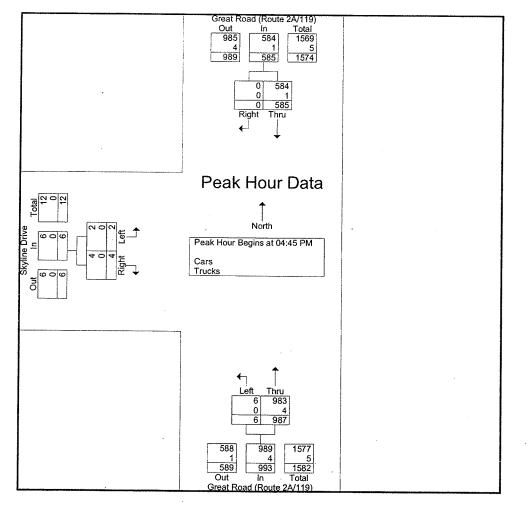
N/S: Great Road (Route 2A/119)

W: Skyline Drive

City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981AA Site Code: TBA

Start Date : 2/8/2007

			Road (Route 2A From North	'		oad (Route 2A From South	/119)		Skyline Drive From West		
Poak L	Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
D. I. I	lour Analysis From 04:	00 PM to 05:45 P	m - Peak 1 of 1								
· Peak I	Hour for Entire Inte	ersection Begin	s at 04:45 PM	1							
	04:45 PM	0	149	149	243	5	248	4	2	6	403
	05:00 PM	0	150	150	279	1	280	0	0	0	430
	05:15 PM	0	144	144	224	0	224	0	0	0	368
L	05:30 PM	0	142	142	241	0	241	0	0	0	383
	Total Volume	0	585	585	987	6	993	4	2	6	1584
E	% App. Total	0	100		99.4	0.6		66.7	33.3		2001
<u> </u>	PHF	.000	.975	.975	.884	.300	.887	.250	.250	.250	.921
L	Cars	0	584	584	983	6	989	4	2	6	1579
	% Cars	0	99.8	99.8	99.6	100	99.6	100	100	100	99.7
W*****	Trucks	0	1	1	4	0	4	0	0	0	5
-	% Trucks	0	0.2	0.2	0.4	0	0.4	0	0	0	0.3





City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981CC

Site Code : TBA

Start Date : 2/8/2007

							rinted- Car							
		F	ad (Route 2A/ rom North		F	ırris Street rom East			ad (Route 2/ rom South	V119)		n Park Drive rom₌West		
L	Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	- Thru	Left	Int. Total
	04:00 PM	5	136	9	23	0	4	5	183	7	2	- 1	4	379
	04:15 PM	3	132	17	11	1	1	5	190	6	8	0	4	378
	04:30 PM	5	131	15	17	1	0	5	200	8	11	0	4	397
	04:45 PM	4	132	13	23	0	7	7	211	5	8	0	3	413
	Total	17	531	54	74	2	12	22	784	26	29	1	15	1567
	05:00 PM	3	136	18	30	0	2	5	252	8	6	0	6	466
	05:15 PM	3	139	27	13	0	2	1	193	9	6	0	6	399
	05:30 PM	4	124	18	23	0	3	4	215	7	3	0	2	403
	05:45 PM	2	117	8	22	0	7	8	193	16	9	0	1	383
	Total	12	516	71	88	0	14	18	853	40	24	0	15	1651
	Grand Total	29	1047	125	162	2	26	. 40	1637	66	53	1	30	3218
	Apprch %	2.4	87.2	10.4	85.3	. 1.1	13.7	2.3	93.9	3.8	63.1	1.2	35.7	
	Total %	0.9	32.5	3.9	5	0.1	0.8	1.2	50.9	2.1	1.6	0	0.9	
	Cars	29	1044	123	160	2	26	40	1630	66	53	1	30	3204
	% Cars	100	99.7	98.4	98.8	100	100	100	99.6	100	100	100	100	99.6
	Trucks	0	3	2	2	. 0	0	0	7	0	0	0	0	14
	% Trucks	0	0.3	1.6	1.2	0	0	. 0	0.4	0	0	0	0	0.4

		Gre	at Road (I	Route 2A	/119)		Harris	Street		Grea	at Road (F	Route 2A	V119)		Acorn Pa	ark Drive		
	<u> </u>	İ		North				East			From	South			From	West		
	. Start Time	Right	Thru		App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
	Peak Hour Analysis																	
	Peak Hour for I	Entire Int	ersection	n Begin	s at 04:45	PM												
- Videophilia	04:45 PM	4	132	13	149	23	0	7	30	7	211	- 5	223	8	0	3	11	413
L	05:00 PM	3	136	18	157	30	0	2	32	5	252	8	265	6	0	6	12	466
	05:15 PM	3	139	27	169	13	0	2	15	1	193	9	203	6	0	6	12	399
e	05:30 PM	4	124	18	146	23	0	3	26	4	215	7	226	3	0	2	5	403
	Total Volume	14	531	76	621	89	0	14	103	17	871	29	917	23	0	17	40	1681
	% App. Total	2.3	85.5	12.2		86.4	0	13.6		1.9	95	3.2	1	57.5	0	42.5		
	PHF	.875	.955	.704	.919	.742	.000	.500	:805	.607	.864	.806	.865	.719	.000	.708	.833	.902
# ************************************	Cars	14	529	75	618	87	0	14	101	17	867	29	913	23	0	17	40	1672
	% Cars	100	99.6	98.7	99.5	97.8	0	100	98.1	100	99.5	100	99.6	100	0	100	100	99.5
	Trucks	0	2	1	3	2	0	0	2	0	4	0	4	0	0	0	0	9
B	% Trucks	0	0.4	1.3	0.5	2.2	0	0	1.9	0	0.5	0	0.4	0	0	0	. 0	0.5



City, State: Acton, MA Client: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.4B1.3999 Fax: 508.545,1234 Email: datarequests@pdillc.com

File Name: 70981CC Site Code : TBA

Start Date : 2/8/2007

[ps Printed-	Cars						
1000		F	ad (Route 2A rom North		F	rris Street om East			ad (Route 2A	/119)		Park Drive		
ŧ	Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
•	04:00 PM	. 5	136	9	23	0	4	5	183	7	2	1	Leit	
£	04:15 PM	3	132	16	11	1	1	5	189		2	ı	4	379
Stange	04:30 PM	5	131	15	17	1	أ	5		6	8	U	4	376
	04:45 PM	4	131			1	0	5	200	8	11	0	4	397
				13	23	00	7	7	211	5	8	0	3	412
	Total	17	530	53	74	. 2	12	22	783	26	29	1	15	1564
F****	,									,		-	13	1304
gjumag.	05:00 PM	3	136	17	30	0	2	5	250	8	,	0	. 1	
- indicators	05:15 PM	3	139	27	12	Õ	2	1		- 1	6	Ü	6	463
	05:30 PM	4	123	18	22	0	2	1	191	9	6	0	6	396
	05:45 PM	2				U	3	4	215	7	3	0	2	401
1			116	8	22	. 0	7	8	191	16	9	0	1	380
	Total	12	514	70	86	0	14	18	847	40	24	0	15	1640
												O	15	1040
	Grand Total	29	1044	123	160	2	26	40	1630	661	F.2		001	
	Apprch %	2.4	87.3	10.3	85.1	1.1				66	53	1	30	3204
(*************************************	Total %	0.9	32.6		-		13.8	2.3	93.9	3.8	63.1	1.2	35.7	
stylenotic stylenotic	LOTAL 70	0.9	32.0	3.8	5	0.1	0.8	1.2	50.9	2.1	1.7	0	0.9	
Ang.														

C4 4 F			North			From	Street East		Gre	at Road (f	Route 2/	V119)			ark Drive	!	
Start Time Peak Hour Analysis	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour for E	Entire Int	ersectio:	n Begin:	- Реак 1 от 1 s at 04:45]	РМ												
04:45 PM	4	131	13	148	23	0	7	30	7	211	5	223	Q	0	2	11	
05:00 PM	3	136	17	156	30	0	2	32	5	250	8	263	6	0	2	11	412
05:15 PM	3	139	2 7	169	12	. 0	2	14	1	191	9	201	6	0	0	12	463
05:30 PM	4	123	18	145	22	0	3	25	4	215	7	226	3	0	0	12	396
Total Volume	14	529	75	618	87	0	14	101	17	867	29	913	23		17	3	401
% App. Total	2.3	85.6	12.1	ļ	86.1	0	13.9		1.9	95	3.2	913	57.5	0	1/	40	1672
PHF	.875	.951	.694	.914	.725	.000	.500	.789	.607	.867	.806	.868	.719	000	42.5	000	
								.,,,,	.007	.007	.000	.000	./19	.000	.708	.833	.903



City, State: Acton, MA Client: CAI/ L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981CC

Site Code : TBA

Start Date : 2/8/2007

							ps Printed-	Trucks						
		F	ad (Route 2A rom North			rris Street om East	*		ad (Route 2A/ om South	119)		n Park Drive om West		
L	Start Time	Right	Thru	Left	Right	Thru	- Left	Right	Thru	Left	Right	Thru	Left	Int. Total
~ 9	04:00 PM	0	0	0	0	0	- 0	0	0	0	0	0	Cent	nit. Total
	04:15 PM	0	0	1	0	0	0	0	1	0	0	0	0	. 0
.ji	04:30 PM	0	0	0	0	Õ	o l	0	0	0	0	0	0	2
-	04:45 PM	0	1	0	Õ	Õ	o l	0	0	0	0	0	0	0
	Total	0	1	1	0	0	0	0	1	0	0	0	. 0	1
					-		0	v	1	O į	U	0	0	3
	05:00 PM	0	0	1	0	0	ا ٥	0	2	0.1	Λ	,	0	_
4	05:15 PM	0	0	0	1	Ô	o l	0	2	0	0	0	0	3
	05:30 PM	0	1	0	1	ñ	õ	0	0	0	0	0	0	3
**	05:45 PM	0	1	0	Ô	n o	0	0	2	0	0	0	0	2
	Total	0	2	1	2	0	0	0	6	0	0	0	- 0	3
J.						ŭ	١	0	Ü	U į	U	U _.	0	11
	Grand Total	0	3	2	2	0	0	0	7	0.1	0	0	0	
4	Apprch %	0	60	40	100	Õ	ñ	0	100	0	0	0	0	14
	Total %	0	21.4	14.3	14.3	0	0	0	50	0	0	Ü	0	
. 3	,				- 1.3	V	0	U	50	0 1	0	U	0	

	Start Time			North			From	Street East		Gre	at Road (F	Route 2A South	/119)			ark Drive West		
	Peak Hour Analysis	Right Prom 04:0	Thru O	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru		App. Total	Int. Total
	Peak Hour for E																	
	05:00 PM	0	0	1	1	0	0	0	0	. 0	2	0	2	0	0	0	0.1	
	05:15 PM	0	0	0	0	1	0	Õ	1	0	2	0	2	0	0	0	0	3
	05:30 PM	0	1	0	1	1	ő	Õ	1	0	0	0	0	0	0	0	0	3
200	05:45 PM	0	1	0	1	0	Õ	Õ	اه	0	2	0	2	0	0	0	0	2
246000	Total Volume	0	2	1	3	2	0	0	2		- 6	0		<u>U</u>	<u> </u>	0	0	3
K i	% App. Total	0	66.7	33.3		100	n	.0	2	0	100	0	0	0	0	0	0	11
	PHF	.000	.500	.250	.750	.500	.000	.000	.500	000		000	750	000		0		
· · · ·					.750	00	.000	.000	.500	.000	.750	.000	.750	.000	.000	.000	.000	.917

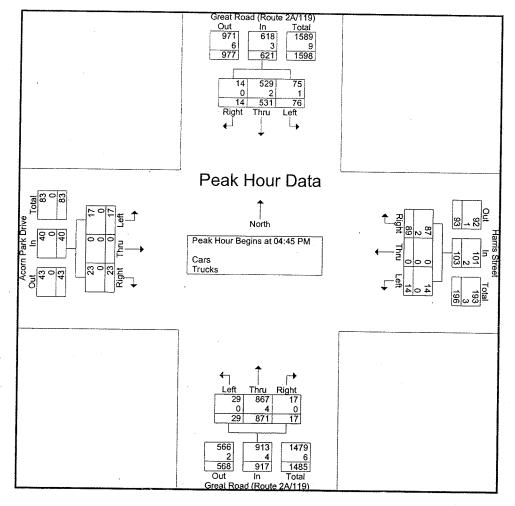


City, State: Acton, MA Client: CAI/ L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981CC

Site Code: TBA Start Date: 2/8/2007

e-Coppe		Cro	ot Dood //	D4- 0A	(440)													*
i		Gie	at Road (i From	Route 2A North	/119)			Street East		Gre	at Road (I	Route 2/ South	V119)			ark Drive		£ ,
	Start Time		Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru			D: 1.1		West		-
	Peak Hour Analysis	From 04:0	00 PM to 0	5:45 PM	Peak 1 of 1	l		Lon	App. Total	right	THU	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
agrammation :	Peak Hour for I	Entire In	tersection	n Begin:	s at 04:45	PM												
\$J	04:45 PM	4	132	13	149	23	0	7	30	7	211	5	223	8	0	3	11	413
	05:00 PM	3	136	18	157	30	0	2	32	5	252	8	265	6	0	,		
f	05:15 PM	3	139	27	169	13	. 0	2	15	1	193	9	203	0	0	6	12	466
al Champion	05:30 PM	4	124	18	146	23	0	2	1	1		7		6	U	6	12	399
Self Control	Total Volume	1.4							26	4	215	7	226	3	0	2	5	403
S		14	531	76	621	89	0	14	103	17	871	29	917	23	0	17	40	1681
_	% App. Total	2.3	85.5	12.2	İ	86.4	0	13.6		1.9	95	3.2		57.5	Õ	42.5	10	1001
ger. et e	PHF	.875	.955	.704	.919	.742	.000	.500	.805	.607	.864	.806	.865					
antimo antimo	Cars	14	529	75	618	87	0	14	101					.719	.000	.708	.833	.902
-	% Cars	100	99.6				-			17	867	29	913	23	0	17	40 [1672
L.J	i			98.7	99.5	97.8	0	100	98.1	100	99.5	100	99.6	100	0	100	100	99.5
	Trucks	0	2	1	3	2	0	0	2	0	4	0	4	0	0	0		,,,,
	% Trucks	0	0.4	1.3	0.5	2.2	0	0	1.9	Ô	0.5	Õ	0.4	0	•	0	0	9
Name of the last	'.				****	<u>_</u>	J	Ů	1.7	U	0.5	U	. 0.4	U	0	0	0	0.5





N/S: Great Road (Route 2A/119) E/W: Main Street (Route 27) City, State: Acton, MA

Client: CAI/L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

File Name: 70981BBB

Site Code : TBA

Start Date : 2/10/2007

							rinted- Car	s - Trucks						
September 1			ad (Route 2A rom North	V119)		reet (Route 2 rom East	27)		ad (Route 2A	/119)		reet (Route 2	27)	
* "	Start Time	= Right	Thru	Left	Right	Thru	Left	Right	rom South Thru	Left	Right Fi	rom West Thru	1.0	
	11:00 AM	- 53	126	7	10	35	40	32	115	30	36	33	Left 38	Int. Total
Er	11:15 AM	53	123	10	5	47	34	25	119	24	30	33 42		555
San Carlo	11:30 AM	60	124	17	4	40	34	48	126	26	31		55	567
L	11:45 AM	. 47	123	11	8	37	46	54	116	31	26	52 43	45	607
******	Total	213	496	45	27	159	154	159	476	111	123	170	199	603
100 mm	,			- 1		107	.5.1	137	. 470	111	125	170	199	2332
12/44/20	12:00 PM	49	129	8	7	40	38	44	132	38	28	47	76	(2)
W	12:15 PM	55	135	8	5	32	34	. 57	134	36	34	43	63	636
	12:30 PM	57	131	3	7	29	36	38	140	31	30	35		636
Arres .	12:45 PM	75	139	10	4	35	38	43	134	25	24	53 51	63	600
judpaqia.	Total	236	534	29	23	136	146	182	540	130	116	176	55 257	633
	,			1		130	110	102	540	150	110	170	257	2505
	01:00 PM	39	139	3	7	32	31	35	153	29	33	40	58	599
per on	01:15 PM	42	145	11	8	33	39	39	122	29	21	47	60	596
Department of the second	01:30 PM	45	110	1	4	44	35	39	125	17	25	40	39	524
	01:45 PM	59	134	8	5	38	37	44	133	26	27	27	52	524 590
\$2	Total	185	528	23	24	147	142	157	533	101	106	154	209	2309
	•			,					555	101	100	154	207	2309
Signature of the same of the s	Grand Total	634	1558	97	74	442	442	498	1549	342	345	500	665	7146
and the second	Apprch %	27.7	68.1	4.2	7.7	46.1	46.1	20.8	64.8	14.3	22.8	33.1	44	7140
	Total %	8.9	21.8	1.4	1	6.2	6.2	7	21.7	4.8	4.8	7	9.3	
	Cars	631	1551	97	73	440	440	496	1542	342	345	498	664	7119
£	% Cars	99.5	99.6	100	98.6	99.5	99.5	99.6	99.5	100	100	99.6	99.8	99.6
Standardo	Trucks	3	7	0	1	2	2	2	7	0	0	2	1	27
l	% Trucks	0.5	0.4	0	1.4	0.5	0.5	0.4	0.5	0	ő	0.4	0.2	0.4
							,			٠,	Ü	٠.,	5.2	0.7

and the second date			50	1			M	b			NB)			45			
				North				t (Route i East	27)	Gre	at Road (F	Route 2A South	/119)	М	ain Street From	t (Route :	27)	
Simulation of the same of the	Start Time Peak Hour Analysis	Right	Thru	Left 1:45 DM	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
decourage	Peak Hour for I																	
	12:00 PM	49	129	8	186	7	40	38	85	44	132	38	214	28	47	76	151	636
g	12:15 PM	55	135	8	198	5	32	34	71	57	134	36	227	34	43	63	140	636
and the same of th	12:30 PM	57	131	3	191	7	29	36	72	38	140	31	209	30	35	63	128	600
100	12:45 PM	75	139	10	224	4	35	38	77	43	134	25	202	24	51	55	130	633
Mary	Total Volume	236	534	29	799	23	136	146	305	182	540	130	852	116	176	257	. 549	2505
	% App. Total	29.5	66.8	3.6		7.5	44.6	47.9		21.4	63.4	15.3		21.1	32.1	46.8		2303
and and a	PHF	.787	.960	.725	.892	.821	.850	.961	.897	.798	.964	.855	.938	.853	.863	.845	.909	.985
Manageria.	Cars	235	531	29	795	22	135	145	302	181	537	130	848	116	176	257	549	2494
Ni	% Cars	99.6	99.4	100	99.5	95.7	99.3	99.3	99.0	99.5	99.4	100	99.5	100	100	100	100	99.6
	Trucks	1	3	0	4	1	1	1	3	1	3	0	4	0	0	0	0	11
Krawpine	% Trucks	0.4	0.6	0	0.5	4.3	0.7	0.7	1.0	0.5	0.6	0	0.5	0	Ö	Ö	ŏ	0.4



N/S: Great Road (Route 2A/119) E/W: Main Street (Route 27) City, State: Acton, MA

Client: CAI/L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

File Name: 70981BBB

Site Code : TBA

Start Date : 2/10/2007

	Start Time	F	ad (Route 2A) rom North		F	reet (Route 2 rom East		F	ad (Route 2A rom South	/119)		reet (Route 2 om West	27)	
	:00 AM	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Tota
	ŧ	52	126	7	10	34	40	32	114	30	36	33	37	551
	:15 AM	52	123	10	5	47	34	25	117	24	30	41	55	563
	:30 AM	60	123	17	4	40	34	48	126	26	31	52	45	606
11	:45 AM	47	123	11	8	37	46	54	116	31	26	43	61	603
	Total	211	495	45	27	158	154	159	473	111	123	169	198	2323
	2:00 PM	49	127	8	7	40	38	. 44	131	38	28	47	76	633
12	2:15 PM	55	134	8	4	32	34	57	133	36	34	43	63	
12	2:30 PM	56	131	3	7	29	36	37	140	31	30	35	63	633
12	:45 PM	75	139	10	4	34	37	43	133	25	24	55 51		598
	Total	235	531	29	22	135	145	181	537	130	116	176	55 257	630 2494
01	:00 PM	39	138	3	7	32	31	35	152	29	33	40		
01	:15 PM	42	145	11	8	33	39	38	122	29		40	58	597
01	:30 PM	45	109	1	4	44	35	39	125	17.	21	47	60	595
01	:45 PM	59	133	8	5	38	36	44			25	40	39	523
	Total	185	525	23	24	147	141		133	26	27	26	52	587
		100	343	23	. 24	147	141	156	532	101	106	153	209	2302
	d Total	631	1551	97	73	440	440	496	1542	342	345	498	664	7119
•	prch %	27.7	68.1	4.3	7.7	46.2	46.2	20.8	64.8	14.4	22.9	33	44.1	,,,,
]	otal %	8.9	21.8	1.4	1	6.2	6.2	7	21.7	4.8	4.8	7	9.3	

				Route 2A/ North	(119)	M	ain Street From	(Route East	27)	Grea	at Road (F		/119)	M	ain Stree	t (Route :	27)	
	Start Time Peak Hour Analysis	Right From 11:0	Thru 0 AM to 0		App. Total Peak 1 of 1	Right	Thru	Left	App. Total	Right	Thru		App. Total	Right	Thru	Left	App. Total	Int. Total
Separate de la constitución de l	Peak Hour for E	Entire Int	ersection	n Begins	at 12:00]	PM												
ن خو	12:00 PM	49	127	8	184	7	40	38	85	44	131	38	213	28	47	76	151	633
	12:15 PM	55	134	8	197	4	32	34	70	57	133	36	226	34	43	63	140	633
	12:30 PM	56	131	3	190	7	29	36	72	37	140	31	208	30	35	63	128	598
	12:45 PM	75	139	10	224	4	34	37	75	43	133	25	201	24	51	55	130	630
gr	Total Volume	235	531	29	795	22	135	145	302	181	537	130	848	116	176	257	549	2494
	% App. Total	29.6	66.8	3.6		7.3	44.7	48		21.3	63.3	15.3		21.1	32.1	46.8		
	PHF	.783	.955	.725	.887	.786	.844	.954	.888	.794	.959	.855	.938	.853	.863	.845	.909	.985



City, State: Acton, MA Client: CAI/L. Grant

P.O. 80x 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdllic.com File Name: 70981BBB

Site Code : TBA

Start Date : 2/10/2007

	1	Great Ro	ad (Route 2A/	119)	Main St	reet (Route 2	s Printed-		1.00					
	•	F	rom North	113,	Wall St	rom East	(1)	Great Roa	ad (Route 2A/	119)		reet (Route :	27)	
L	Start Time	Right	Thru	Left	Right	Thru	Left	Right	rom South Thru	1.0	F	rom West		
	11:00 AM	1	0	0	0	1	0	Night j	I nru j	Left	Right	Thru	Left	Int. Total
	11:15 AM	· 1	0	0	Ů	0		0	1	0	0	0	1	4
	11:30 AM	0	1	o l	ñ	0	0	0	2	0	0	1	0	4
	11:45 AM	0	Ô	ő	0	0	0	0	0	0	0	. 0	0	1
***************************************	Total	2	1	0	0	1			0	0	0	0	0	0
		2	1	o j	U	1	0	0	3	0	0	1	1	9
	12:00 PM	0	2	0	Λ	0	ا م ا	0						
	12:15 PM	. 0	1	0	1	0	0	0	1	0	0	0	0	3
	12:30 PM	1	Ó	0	0	0	0	0	1	0	0	0	0	3
entra al	12:45 PM	Ô	0	0	0	1	0	1	0	0	0	0	0	2
	Total	1	3	0	1	<u>l</u>		0	1	0	0	0	0	3
	rotar	1	J .	υļ	1	1	1	1	3	0	0	0	0	11
	01:00 PM	0	1	0	٥	٥	0.1	0		- 1				
	01:15 PM	0	Ô	0	0	0	0	0	1	0	0	0	0	. 2
	01:30 PM	Ô	1	0	. 0	0	0	1	0	0	0	0	0	1
and .	01:45 PM	ŏ	1	0	0	0	0	0	0	0	0	0	0	1
-	Total	0	3	0	0	0	1	0	0	0	0	1	0	3
v veg	2000	. •	5	٠,	. 0	U	1	1	1	0	0	1	0	7
	Grand Total	3	7	0	1	2	2	0	_	- 1				
	Apprch %	30	70	0	20	2	2	2	7	0	0	2	1	27
nor de	Total %	11.1	25.9	- 1		40	40	22.2	77.8	0	0	66.7	33.3	
	LOTAL 70	11.1	43.9	0	3.7	7.4	7.4	7.4	25.9	0	. 0	7.4	3.7	

W	Start Time	Grea Right		North			Fron	t (Route 2 n East		Gre	at Road (f From	Route 2A South	/119)	M	lain Street From	t (Route 2 West	27)	I
Separation	Peak Hour Analysis	From 11:0	Thru 0 AM to 0	Leπ	App. Total Peak 1 of 1	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru		App. Total	Int. Total
B	Peak Hour for E	Entire Int	ersection	n Begins	at 12:00	PM												,
	12:00 PM	0	2	0	2	0	0	0	0	0	1	0	1 1	0	0	0		
Supply .	12:15 PM	0	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	3
Distriction.	12:30 PM	1	. 0	0	1	0	0	. 0	ô	1	ń	0	1	0	0	U	0	3
Ł	12:45 PM	0	0	0	0	0	1	1	2	0	1	0	1	0	0	0	0	2
	Total Volume	1	3	. 0	4	1	1	1	3	1	3	0	1				0	3
F	% App. Total	25	75	0		33.3	33.3	33.3		25	75	0	*	0	0	0	0	11
manage	PHF	.250	.375	.000	.500	.250	.250	.250	.375	.250	.750	.000	1.000	000	000	0		
Ĺ									.575	-430	.730	.000	1.000	.000	.000	.000	.000	.917



N/S: Great Road (Route 2A/119)

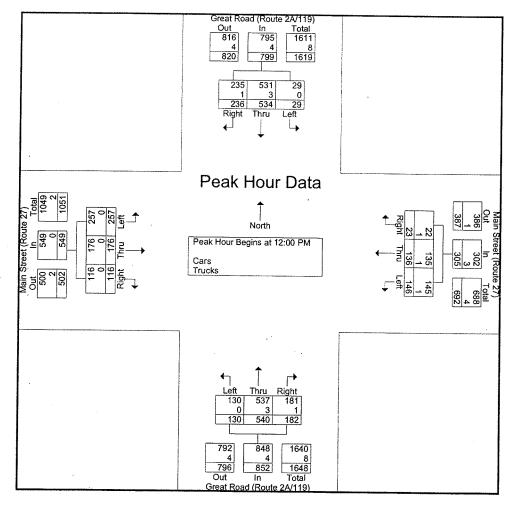
E/W: Main Street (Route 27)

City, State: Acton, MA Client: CAI/L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981BBB

Site Code : TBA

Start Date : 2/10/2007

¥																		
		Gre	at Road (I	Route 2A North	/119)	- N	Main Stree	t (Route 2 n East	7)	Gre	at Road (F		V119)	М	ain Street		27)	
*	Start Time	Right !	Thru	Left	App. Total	Right	Thru		Ann Total	Dista	From	-			From			
1	Peak Hour Analysis			1:45 PM	Peak 1 of 1	rugin	THU	Leit	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
	Peak Hour for E																	
	12:00 PM	49	129	8	186	7	40	3 8	85	44	132	3 8	214	28	47	76	151	636
B25 (5)	12:15 PM	55	135	8	198	5	32	34	71	57	134	36	227	34	43	63		
i i	12:30 PM	57	131	. 3	191	7	29	36	72	38	140						140	636
(Jones)	12:45 PM	75	139	10		4			1			31	209	30	35	63	128	600
Ę.,					224	4	35	38	77	43	134	25	202	24	51	55	130	633
	Total Volume	236	534	29	799	23	136	146	305	182	540	130	852	116	176	257	549	2505
	% App. Total	29.5	66.8	3.6	İ	7.5	44.6	47.9		21.4	63.4	15.3		21.1	32.1	46.8	317	2505
1	PHF	.787	.960	.725	.892	.821	.850	.961	.897	.798	.964	.855	.938	.853	.863	.845	.909	.985
Maryles	Cars	235	531	29	795	22	135	145	302	181	537	130	848					
Ĭ	% Cars	99.6	99.4	100	99.5	95.7	99.3		1				[116	176	257	549	2494
		77.0	77.4			93.1	99.3	99.3	99.0	. 99.5	99.4	100	99.5	100	100	100	100	99.6
	Trucks	1	3	0	4	1	1	1	3	1	3	0	4	0	0 -	0	0	- 11
Sympton	% Trucks	0.4	0.6	0	0.5	4.3	0.7	0.7	1.0	0.5	0.6	0	0.5	Ō	Ö	Ŏ	o l	. 0.4
Š.		•															- 1	





N/S: Great Road (Route 2A/119) W: Skyline Drive City, State: Acton, MA Client: CAI/L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 50B.481.3999 Fax: 508.545.1234 Email: datarequests@pdllic.com

File Name: 70981AAA

Site Code : TBA

Start Date : 2/10/2007

			Gro	ps Printed- Cars - Truck	s			
		Great Road (Route From North	2A/119)	Great Road (Route 2	2A/119)	Skyline Driv	e	
	Start Time	Right	Thru	From South Thru		From West	*	
	11:00 AM	1 1	183		Left	Right	_ Left	Int. Total
ri-se	11:15 AM	. 1		156	1	2	2	345
		1	202	182	1	2	0	388
	11:30 AM	Ü	178	174	3	4	0	359
	11:45 AM	3	182	184	0	1	1 1	371
	Total	5	745	696	5	9	3	1463
r-mag					- 1		5	1403
	12:00 PM	2	204	217	2.1	4	٥١	429
- A	12:15 PM	1	173	177	1	3	1	
	12:30 PM	0	184	201	5	0	1	356
	12:45 PM	1	202	182	0 .	0	. 1	391
	Total	4	763	777		<u> </u>	1	387
		·	705	111	8	8	3	1563
- 18	01:00 PM	0	176	207	- 1			
	01:15 PM	1	176	207	2	2	1	388
19		1	188	196	0	2	1	388
	01:30 PM	0	160	162	0	1	0	323
	01:45 PM	2	157	153	1	2	. 1	316
	Total	3	681	718	3	7	3	1415
					'		31	1413
	Grand Total	12	2189	2191	16	24	9	4441
	Apprch %	0.5	99.5	99.3	0.7	72.7	27.3	7441
.4	Total %	0.3	49.3	49.3	0.4	0.5	0.2	
	Cars	12	2178	2182	16	24		
	% Cars	100	99.5	99.6	100		9	4421
***************************************	Trucks	0	11	99.0		100	100	99.5
	% Trucks	0	•	•	0	0	0	20
W.	. 70 Trucks	U	0.5	0.4	0	0	0	0.5

€											
		Great	Road (Route 2A From North	/119)		oad (Route 2A From South	/119)		kyline Drive From West		
f	Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	(4 7 ()
outpus outpus	Peak Hour Analysis From 11:	00 AM to 01:45 F	PM - Peak 1 of 1				· pp. rotar	Tagitt I	Leit	App. rotal	Int. Total
and the second	Peak Hour for Entire Int	ersection Begi	ns at 12:00 PM	1							
	12:00 PM	2	204	206	217	2	219	4	0	4	429
	12:15 PM	1	173	174	177	1	178	3	1	7	
of Change	12:30 PM	0	184	184	201	Ē	- 1	3	1	4	356
, see	12:45 PM	1				5	206	0	1	1	391
1		1	202	203	182	0	182	1	1 .	2	387
	Total Volume	4	763	767	777	8	785	8	3	11	1563
	% App. Total	0.5	99.5		99	1		72.7	27.3	**	1303
1	PHF	.500	.935	.931	.895	.400	.896				
Į.	Cars	1	760					.500	.750	.688	911
a Monte		4		764	773	. 8	781	8	3	11	1556
-	% Cars	100	99.6	99.6	99.5	100	99.5	100	100	100	99.6
	Trucks	0	3	3	4	0	4	0	0	0	77.0
4.	% Trucks	0	0.4	0.4	0.5	0	0.5	0	0	0	/
and the same	- 1	_	•••	0.11	0.5	U	0.5	U	0	0	0.4



N/S: Great Road (Route 2A/119)

W: Skyline Drie

City, State: Acton, MA Client: CAI/L. Grant P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981AAA

Site Code : TBA

Start Date : 2/10/2007

OL-AT!	Great Road (Route From North	1	Great Road (Route 2 From South	2A/119)	Skyline Drive From West		
Start Time	Right	Thru	Thru	Left	Right	Left	Int. Tota
11:00 AM	1	182	154	1	2	2	342
11:15 AM	1	201	180	1	2	0	385
11:30 AM	0	177	174	3	4	٥	
11:45 AM	3	181	184	0	1	1	358
Total	5	741	692	5	9	1	370
,	_		072	٦ ١	9	3	1455
12:00 PM	2	203	216	2.1		- 1	
12:15 PM	1	172		2	4	0	427
12:30 PM	0		175	1	3	1	353
12:45 PM	0	183	201	5	0	1	390
	<u> </u>	202	181	0	1	1	386
Total	4	760	773	8	8	3	1556
01.00 77.6		,				•	
01:00 PM	0	174	206	2	2	1	385
01:15 PM	1	187	196	0	2	1	387
01:30 PM	0	159	162	0	1	ń	322
01:45 PM	2	157	153	1	2	1	
Total	3	677	717	3	7	3	316 1410
		,		- 1	•	٦	1410
Grand Total	12	2178	2182	16	24	9	1404
Apprch %	0.5	99.5	99.3	0.7	72.7	- 1	4421
Total %	0.3	49.3	49.4	l l		27.3	
	0.5	77.3	49.4	0.4	0.5	0.2	

	Start Time		Road (Route 2A From North		F	oad (Route 2A From South	/119)		kyline Drive From West		
	Peak Hour Analysis From 11:	Right 00 AM to 01:45 PI	Thru M - Peak 1 of 1	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
	Peak Hour for Entire Int	ersection Begin	s at 12:00 PM	ſ							
	12:00 PM	2 ຶ	203	205	216	2	218	4	0	4 1	407
	12:15 PM	1	172	173	175	1	176	3	1	4	427 353
	12:30 PM	0	183	183	201	5	206	0	1	1	390
ئىسىة -	12:45 PM	1	202	203	181	0	181	1	1	2	386
	Total Volume	4	760	764	773	8	781	8 .	3	11	1556
<u> </u>	% App. Total	0.5	99.5		99	1		72.7	27.3	11.	1550
-	PHF	.500	.936	.932	.895	.400	.896	.500	.750	.688	.911



N/S: Great Road (Route 2A/119) W: Skyline Driv City, State: Acton, MA

Client: CAI/L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

File Name: 70981AAA

Site Code : TBA

Start Date : 2/10/2007

			(Groups Printed- Trucks				
L'Assantin		Great Road (Route From North		Great Road (Route 2 From South	A/119)	Skyline Drive From West		4
¥	Start Time	Right	Thru	Thru	Left	Right	Left	Int. Total
	11:00 AM	0	1	2	0	0	0	111. 10tar
1	11:15 AM	0	1	2	0	0	0	2
ALIEN ALIEN	11:30 AM	0	1	0	0	0	n l	1
Li	11:45 AM	0	. 1	0	0	0	ő	1
	Total	0	4	4	0	0	0	8
1							,	
	12:00 PM	0	1	1	0	0	0.1	2
Ę:	12:15 PM	0	1	2	0	0	0	3
	12:30 PM	0	1	0	0	0	0	1
873 ·	12:45 PM	0	0	1	0	0	0	1
and the same	Total	0	3	4	0	0	0	7
Ł.,	01:00 PM	0	0.1		1			
		0	2	1	0	0	0	3
E 15	01:15 PM	0	1	0	0	0 .	. 0	1
(goodge	01:30 PM	0	1	0	0	0 .	0	1
articonna.	01:45 PM	0	0	0	0	0	0	0
Brown, and	Total	0	4	1	0	0	0	5
r	Grand Total	0	11	9	0.1	. 0	0	20
Signature .	Apprch %	0	100	100	0	0	-0	20
-	Total %	0	55	45	o l	0	0	
							- 1	

£.,											
			load (Route 2A From North	/119)		oad (Route 2A From South	/119)		kyline Drive From West		
7.	Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
	Peak Hour Analysis From 11:						TELL TOTAL			App. rotal	mi. rotar
	Peak Hour for Entire Into	ersection Begin	s at 11:00 AN	1 -							
	11:00 AM	0	1	1	2	0	2.1	0	0	0.1	2
	11:15 AM	0	1	1	2	0	2	ő	o .	0	. 2
	11:30 AM	0	1	1	0	0	<u> </u>	Õ	0	0	1
:	11:45 AM	0	1	1	0	0	o l	Õ	0	v l	1
Barrariji.	Total Volume	0	4	4	4	0	4	0	0	. 0	<u>1</u>
	% App. Total	0	100		100	0	1	Ů	0	. "	. 8
	PHF	.000	1.000	1.000	.500	.000	.500	.000	.000	.000	.667



N/S: Great Road (Route 2A/119)

W: Skyline Drie

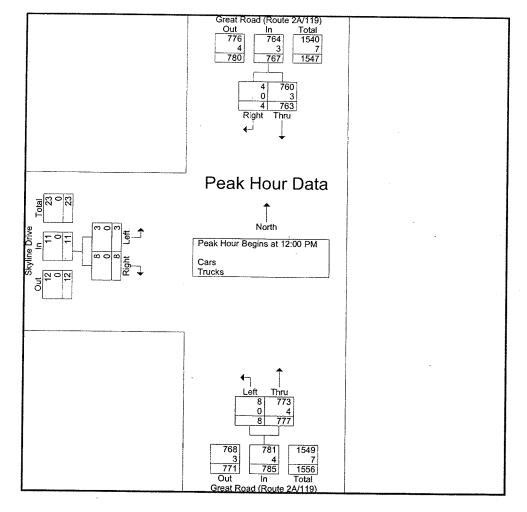
City, State: Acton, MA Client: CAI/L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 70981AAA

Site Code : TBA

Start Date : 2/10/2007

		Groot E	load (Route 2A	(110)							•
			From North			oad (Route 2A From South	/119)		kyline Drive From West		Ĩ
	Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
	Peak Hour Analysis From 11:	00 AM to 01:45 P	M - Peak 1 of 1								Total
- 1	Peak Hour for Entire Int	ersection Begin	s at 12:00 PM	ſ							
	12:00 PM	2	204	206	21 7	2	219	4	Λ	4 !	429
*	12:15 PM	1	173	174	177	1	178	3	1	4	
F7.	12:30 PM	0	184	184	201	-	206	0	1	4	356
	12:45 PM	1	202	203		3		U	1	1	391
		<u></u>			182	00	182	1	1	2	387
	Total Volume	4	763	767	777	8	785	8	3	` 11	1563
_	% App. Total	0.5	99.5		99	1		72.7	27.3		1303
<u> </u>	PHF	.500	.935	.931	.895	.400	.896	.500	.750	.688	.911
	Cars	4	760	764	773	8	781	.500	2	.000	
	% Cars	100	99.6	99.6	99.5	100		400	3	11	1556
	Trucks	100	77.0	99.0	99.3	100	99.5	100	100	100	99.6
		0	3	3	4	0	4	0	0	0	7
73	% Trucks	0	0.4	0.4	0.5	0	0.5	0	0	0	0.4





City, State: Acton, MA Client: CAI/L. Grant

P.O. 8ox 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

File Name: 70981CCC

Site Code : TBA

Start Date : 2/10/2007

Page No :.1

1 6							Printed- Car	s - Trucks						
No.			oad (Route 2 From North	A/119)		arris Street			ad (Route 2A	V119)	Acor	n Park Drive		
r	Start Time	≠ Right	Thru	Left	Right	rom East Thru	1.6		rom South			rom West		
_	11:00 AM	1 5	158	6	10	Inru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
£	11:15 AM	3	163	7	iO	1	0	0	142	4	12	1	3	342
Sire cope	11:30 AM	2	165	9	5	0	3	3	160	6	6	0	2	358,
L	11:45 AM	4	154	- 1	1	0	2	6	157	9	6	0	2	359
	Total	14		11	12	0	3	0	172	6	12	0	7	381
Meaning	1 Otal	14	640	33	28	1	8	9	631	25	36	1	14	1440
) Committee of the comm	12:00 PM	5	196	6	13	1	1	3	192	11	5	0	3	436
Same	12:15 PM	3	161	15	6	0	0	3	170	8	9	0	3	378
	12:30 PM	1	183	10	11	. 0	2	3	193	6	4	1	4	
1	12:45 PM	4	178	11	9	1	4	7	173	10	12	1	2	418
and the same	Total	13	718	42	39	2	7	16	728	35	30	2	12	412
E.,				•			. 1		120	55 [30	2	12	1644
	01:00 PM	4	154	14	12	0	2	5	164	9	8	0	3	375
100	01:15 PM	2	179	7	13	0	2	8	166	10	9	٥	1	
9	01:30 PM	1	134	5	9	0	1	4	134	4	13	0	2	397
L	01:45 PM	· 5	164	. 11	7	0	2	5	158	11	9	1	1	307
	Total	12	631	37	41	0	7	22	622	34	39	1	7	374 1453
1	C 1m 1	••												
	Grand Total	39	1989	112	108	3	22	47	1981	94	105	4	33	4537
	Apprch %	1.8	92.9	5.2	81.2	2.3	16.5	2.2	93.4	4.4	73.9	2.8	23.2	1331
*****	Total %	0.9	43.8	2.5	2.4	0.1	0.5	1	43.7	2.1	2.3	0.1	0.7	
genera.	. Cars	39	1976	111	107	3	22	47	1969	94	105	4	33	4510
Printerior	% Cars	100	99.3	99.1	99.1	100	100	100	99.4	100	100	100	100	99.4
The second second	Trucks	0	13	1	1	0	0	. 0	12	0	0	0	0	27
Wagon to Art	% Trucks	0	0.7	0.9	0.9	0	0	0	0.6	0	. 0	0	0	0.6
				•						- 1	•	Ü	U į	0.0

physical property of the control of	Šr		,	GRS			Wh					NB	•		E	B		
			From	Route 2A			From	Street East		• Gre	at Road (I From	Route 2A	V119)			ark Drive	,	
auggio	Start Time Peak Hour Analysis	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Contract of the Contract of th	Peak Hour for E	Contine Int	ercectio	n Basina	Peak 1 of 1	DA f												
	12:00 PM	лше па 5		-,							•							
		5	196	6	207	13	1	1	15	3	192	11	206	5	0	3	8 أ	436
£	12:15 PM	3	161	15	179	6	0	0	6	3	170	- 8	181	9	0	3	12	378
and a second	12:30 PM	1	183	10	194	11	0	2	13	3	193	6	202	4	1	1	9	418
1	12:45 PM	4	178	11	193	9	1	4	14	7	173	10	190	12	1	2	- 1	
	Total Volume	13	718	42	773	39	2	7	48	16	728	35	779	30			15	412
	% App. Total	1.7	92.9	5.4		81.2	4.2	14.6	70				119		2	12	44	1644
1	PHF	.650	.916	.700	024					2.1	93.5	4.5		68.2	4.5	27.3		
authen					.934	.750	.500	.438	.800	.571	.943	.795	.945	.625	.500	.750	.733	.943
1.	Cars	13	713	42	768	39	2	7	48	16	723	35	774	30	2	12	44	1634
	% Cars	100	99.3	1 00	99.4	100	100	100	100	100	99.3	100	99.4	100	100	100	100	99.4
_	Trucks	0	5	0	5	0	0	0	0	0	5	0	5	0	-0	100	0	
The same of the sa	% Trucks	0	0.7	0	0.6	0	0	Õ	Õ	Ô	0.7	0	0.6	. 0	.0	0	- 1	10
- United	1			•	0.0	O	0	U	0 [U	0.7	U	0.6	U	Ų	0	0	0.6



City, State: Acton, MA Client: CAI/L. Grant

P.O. Box 301 Berlin, MA 01503 Office: 50B.481.3999 Fax: 508.545,1234 Email: datarequests@pdillc.com File Name: 70981CCC

Site Code : TBA

Start Date : 2/10/2007

F						Grou	ps Printed-	Cars						
and the second			ad (Route 2A	/119)		rris Street		Great Ro	ad (Route 2A	/119)	Acor			
E	Ct. 4 Ti		rom North		From East				rom South		Fr	1		
L	Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
F	11:00 AM	5	158	5	10	1	0	0	140	4	12	1	3	339
f.	11:15 AM	3	162	7	4	0	3	3	159	6	6	0	2	355
disease.	11:30 AM	2	164	9	1	0	2	6	156	9	6	0	2	357
	11:45 AM	44	153	11	12	0	3	0	171	6	12	0	7	379
	Total	14	637	. 32	27	1	8	9	626	25	36	1	14	1430
1										(•	;	1150
	12:00 PM	5	195	6	13	1	1	3	191	11	5	0	3	434
4	12:15 PM	3	159	15	6	0	0	3	168	8	9	Ů.	3	374
	12:30 PM	1	181	10	11	0	2	3	192	6	4	1	4	415
f	12:45 PM	4	178	11	9	1	4	7	172	10	12	1	2	411
in the second	Total	13	713	42	39	2	7	16	723	35	30	2	12	1634
le							•			,	50	_	12	1054
	01:00 PM	4	152	14	12	0	2	5	163	9	8	0	3	372
E	01:15 PM	2	177	7	13	0	2	8	166	10	9	0	1	395
ii Maria	01:30 PM	1	133	5	9	0	1	4	133	4	13	0	2	305
	01:45 PM	5	164	11	7	0	2	5 -	158	11	9	1	1	374
	Total	12	626	37	41	0	7	22	620	34	39	1	7	1446
£	C 1 T 1	20	1076	444										
Madajjogo	Grand Total	39	1976	111	107	3	22	47	1969	94	105	4	33	4510
Rippy	Apprch %	1.8	92.9	5.2	81.1	2.3	16.7	2.2	93.3	4.5	73.9	2.8	23.2	
	Total %	0.9	43.8	2.5	2.4	0.1	0.5	1	43.7	2.1	2.3	0.1	0.7	

	Great Road (Route 2A/119) From North						Harris From		Grea	at Road (F		/119)						
and the second	Start Time	Right	Thru	Left	App. Total		Thru		op. Total	Right	From		App. Total	Right	From Thru	West Left	App. Total	Int. Total
	Peak Hour Analysis											2011	ripp. rotal j	rtigin	iiiu j	Leit	App. Total	III. TOtal
L .	Peak Hour for E	Entire Int	ersection	n Begins	at 12:00	PM												
	12:00 PM	5	195	6	206	13	1	1	15	3 .	1-91	11	205	5	0	3	8	434
g	12:15 PM	3	159	. 15	177	6	0	0	6	3	168	8	179	9	0	3	12	374
	12:30 PM	1 ·	181	10	192	11	0	2	13	3	192	6	201	4	1	4	9	415
Salara Salara	12:45 PM	4	178	11	193	. 9	. 1	4 .	14	7	172	10	189	12	1	2	15	411
	Total Volume	13	713	42	768	39	2	7	48	16	723	35	774	30	2	12	44	1634
·	% App. Total	1.7	92.8	5.5		81.2	4.2	14.6	i	2.1	93.4	4.5		68.2	4.5	27.3	'''	1031
	PHF	.650	.914	.700	.932	.750	.500	.438	.800	.571	.941	.795	.944	.625	.500	.750	.733	.941



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Site Code : TBA

Start Date : 2/10/2007

100							s Printed- 1	Trucks								
l			ad (Route 2A rom North	/119)	Harris Street Great Road (Route 2A/119) From East From South							Acorn Park Drive				
	Start Time	Right	Thru	Left	Right	Thru	Left	Right	om South Thru	1 - 6		om West				
	11:00 AM	0	0	1	0	0	0	Night	111111	Left 0	Right 0	Thru	Left	Int. Total		
Manage .	11:15 AM	0	1	0	1	n	١	0		0	0	0	0	3		
parameter .	11:30 AM	0	1	0	Ô	0	0	0	1	0	0	0	0	3		
Morrison	11:45 AM	0	1	0	0	0	٥	0	1	0	0 .	0	0	2		
***************************************	Total	0	3	1	1	0	0	0	I	0	0	0	0	2		
	2000	Ů	,	•	1	U	ΟŢ	U	5	0	0	0	0	10		
	12:00 PM	0	1	0	0	0	0	0	1	0	0	^	0			
\$	12:15 PM	0	2	0	Õ	ñ	0	0	2	0	0	0	0	2		
	12:30 PM	0	2	0	ŏ	ñ	o l	0	1	0	0	0	0	4		
	12:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	3		
-	Total	0	5	0	0	0	0	0	5	0	0	0	0	10		
E , ,,,,													* 1	10		
	01:00 PM	0	2	0	0	0	0	0	1	0	0	0	0.1	3		
400	01:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	2		
Openions	01:30 PM	0	1	0	0	O	0	0	1	0	0	Ô	õ	2		
L.J	01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Total	0	. 5	0	0	0	0	0	2	0	0	0	0	7		
	Grand Total	0	13	1	1	0	ا م	0	4.0		_		,			
- Control on the cont	Apprch %	0	92.9	7.1	100	U	0	0	12	0	0	0	0	27		
B 0	Total %	0		,	100	U	0	0	100	0	0	0	0			
	1 Otal 70	Ü	48.1	3.7	3.7	Ü	0	0	44.4	0	0	0	. 0			

				Street East		Gre		Route 2A/ South	119)	·								
1	Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	From Thru		App. Total	Int. Total
	Peak Hour Analysis									*							ripp. rotal	III. TOtal
-9.2	Peak Hour for E	Entire Int	ersection	n Begins	at 11:45.	AM												
	11:45 AM	0	1	0	1	0	0	. 0	0	0	1	0	1	0	0		۱۵	. 2
	12:00 PM	0	1	0	1	0	0	0	. 0	0	1	0	1	0	. 0	Ô	ň	2
	12:15 PM	0	2	0	2	0	. 0	0	0	0	2	0	2	ő	Õ	0	ő	4
نيا.	12:30 PM	- 0	2	0	2	. 0	0	0	0	. 0	1	0	1	0	Ô	0	0	3
	Total Volume	0	6	0	6	0	0 ·	0	0	0	5	0	5	0	0	0	0	11
	% App. Total	. 0	100	0 -		0	0	0		0	100	0		0	0	0	1	11
-	PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.625	.000	.625	.000	.000	.000	.000	.688



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Site Code : TBA

Start Date : 2/10/2007

£	Great Road (Route 2A/119) From North Start Time Right Thru Left App. Total						Harris From				South	/119)						
ilean .	Peak Hour Analysis		O AM to O	1:45 PM -	Peak 1 of	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Stranger (1)	Peak Hour for I	Intire Int	ersection	n Begins	at 12:00	PM												
2	12:00 PM	5	196	6	207	13	1	1	15	3	192	11	206	_	0	2	0.1	
	12:15 PM	3	161	15	179	6	0	0	6	3	170	8	- 1	2	0	3	8	436
1	12:30 PM	1	183	10	194	11	0	2	- 1	2			181	9	0	3	12	378
Second .	12:45 PM	4	178	11	193		1	۷.	13	3	193	6	202	4	1	4	9	418
	Total Volume	13	718			9	<u> </u>	4	14	77	173	10	190	12	1	2	15	412
		13		42	773	39	2	7	48	16	728	35	779	30	2	12	44	1644
	% App. Total	1./	92.9	5.4		81.2	4.2	14.6		2.1	93.5	4.5	1	68.2	4.5	27.3	1	1014
	PHF	.650	.916	.700	.934	.750	.500	.438	.800	.571	.943	.795	.945	.625	.500	.750	722	0.10
	Cars	13	713	42	768	39	2.	7	48	16	723	35	774				.733	.943
L	% Cars	100	99.3	100	99.4	100	100	100	100					30	2	12	44	1634
	Trucks	٥	5 .	0	77.7	100		100		100	99.3	100	99.4	100	100	100	100	99.4
	% Trucks	0	0.7	-	2	U	0	U	0	0	5	0	5	0	0	0	0	10
	70 Trucks	U	0.7	0	0.6	0	0	0	0	0	0.7	0	0.6	0	0	0	0	0.6

